

Alignment of the Pennsylvania Infant-Toddler Learning Standards for Early Childhood With HighScope's Infant-Toddler Key Developmental Indicators

The following chart shows how items from the **Pennsylvania Infant-Toddler Learning Standards for Early Childhood** (2014) correspond to items from HighScope's Infant-Toddler **Key Developmental Indicators (KDIs)** (2011).

The educational content of HighScope infant-toddler programs is built around **42 Key Developmental Indicators (KDIs)**. The KDIs are early childhood milestones that guide teachers as they plan and assess learning experiences and interact with young children to support learning. Each KDI is a statement that identifies an observable child behavior reflecting knowledge and skills in the areas of approaches to learning; social and emotional development; physical development and health; communication, language, and literacy; cognitive development; and creative arts.



Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	<i>Approaches to Learning</i>	
	AL.1 Constructing and Gathering Knowledge	
	A. Curiosity and Initiative	
	Infants and toddlers will use sensory exploration and demonstrate a growing interest in the environment to gain information.	
Infant:	AL.1.I.A Use the senses as a primary means to explore and learn from the environment.	A. Approaches to Learning 1. Initiative: Children express initiative. E. Cognitive Development 22. Exploring objects: Children explore objects with their hands, feet, mouth, eyes, ears, and nose.
Young Toddler	AL.1.YT.A Show interest in various environmental stimuli.	A. Approaches to Learning 1. Initiative: Children express initiative. E. Cognitive Development 22. Exploring objects: Children explore objects with their hands, feet, mouth, eyes, ears, and nose.
Older Toddler:	AL.1.OT.A Explore characteristics of and ask questions about objects people, activities and environments.	A. Approaches to Learning 1. Initiative: Children express initiative. E. Cognitive Development 22. Exploring objects: Children explore objects with their hands, feet, mouth, eyes, ears, and nose.
	B. Risk Taking	
	Infants and toddlers will demonstrate increased independence as they explore their environment and engage in new activities.	
Infant:	AL.1.I.B Explore in the comfort of a familiar surrounding or adult.	B. Social and Emotional Development 5. Attachment: Children form an attachment to a primary caregiver.

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	<i>Approaches to Learning CONT</i>	
	B. Risk Taking, CONT	
	Infants and toddlers will demonstrate increased independence as they explore their environment and engage in new activities. CONT	
Young Toddler	AL.1.YT.B Explore the environment in close proximity to and in the constant sight of familiar adult.	B. Social and Emotional Development 5. Attachment: Children form an attachment to a primary caregiver.
Older Toddler:	AL.1.OT.B Explore the environment independently seeking occasional approval from adults.	B. Social and Emotional Development 5. Attachment: Children form an attachment to a primary caregiver.
	C. Stages of Play	
	Infants and toddlers patterns of play will increase in complexity.	
Infant:	AL.1.I.C Engage in parallel play.	B. Social and Emotional Development 7. Relationships with peers: Children build relationships with peers. 10. Playing with others: Children play with others.
Young Toddler	AL.1.YT.C Engage in associative play.	B. Social and Emotional Development 7. Relationships with peers: Children build relationships with peers. 10. Playing with others: Children play with others.
Older Toddler:	AL.1.OT.C Engage with others in simple cooperative play.	B. Social and Emotional Development 7. Relationships with peers: Children build relationships with peers. 10. Playing with others: Children play with others.

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	<i>Approaches to Learning CONT</i>	
	AL.2 Organizing and Understanding Information	
	A. Engagement and Attention	
	Infants and toddlers engagement and attention to tasks will develop over time.	
Infant:	AL.2.I.A Interact with others, objects or activities for short periods of time.	A. Approaches to Learning 1. Initiative: Children express initiative.
Young Toddler	AL.2.I.YT.A Engage with others, focus attention and participate in activities for longer periods of time.	A. Approaches to Learning 1. Initiative: Children express initiative.
Older Toddler:	AL.2.OT.A Focus attention and participate in task oriented activities.	A. Approaches to Learning 1. Initiative: Children express initiative.
	B. Task Analysis	
	Infants and toddler will develop an increased ability to understand the steps needed to complete tasks.	
Infant:	AL.2.I.B Anticipate next step of a familiar routine or activity.	B. Social and Emotional Development 11. Group participation: Children participate in group routines. E. Cognitive Development 32. Anticipating events: Children anticipate familiar events.
Young Toddler	AL.2.YT.B Know the sequence of familiar routines.	B. Social and Emotional Development 11. Group participation: Children participate in group routines. E. Cognitive Development 32. Anticipating events: Children anticipate familiar events.

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	<i>Approaches to Learning CONT</i>	
	B. Task Analysis, CONT	
	Infants and toddler will develop an increased ability to understand the steps needed to complete tasks. CONT	
Older Toddler:	AL.2.OT.B Identify and complete the sequence of familiar routines and tasks.	B. Social and Emotional Development 11. Group participation: Children participate in group routines. E. Cognitive Development 32. Anticipating events: Children anticipate familiar events.
	C. Persistence	
	Infants and toddlers will develop an increased capacity to attend to a task even when faced with challenges.	
Infant:	AL.2.I.C Engage with an object in more than one way.	A. Approaches to Learning 2. Problem solving: Children solve problems encountered in exploration and play. E. Cognitive Development 22. Exploring objects: Children explore objects with their hands, feet, mouth, eyes, ears, and nose.
Young Toddler	AL.2.YT.C Attempt to accomplish challenging tasks.	A. Approaches to Learning 2. Problem solving: Children solve problems encountered in exploration and play. E. Cognitive Development 22. Exploring objects: Children explore objects with their hands, feet, mouth, eyes, ears, and nose.
Older Toddler:	AL.2.OT.C Attempt to accomplish challenging tasks by employing familiar strategies.	A. Approaches to Learning 2. Problem solving: Children solve problems encountered in exploration and play. E. Cognitive Development 22. Exploring objects: Children explore objects with their hands, feet, mouth, eyes, ears, and nose.

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	<i>Approaches to Learning CONT</i>	
	D. Patterning	
	Infants and toddler will begin to understand simple patterns.	
Infant:	EMERGING	
Young Toddler	AL.2.YT.D Recognize simple patterns in the environment.	C. Physical Development and Health 15. Steady beat: Children feel and experience steady beat. F. Creative Arts 40. Responding to music: Children respond to music.
Older Toddler:	AL.2.OT.D Recognize and create simple patterns.	C. Physical Development and Health 15. Steady beat: Children feel and experience steady beat. F. Creative Arts 40. Responding to music: Children respond to music.
	E. Memory	
	Infants and toddler will demonstrate an increased ability to retain and recall information.	
Infant:	AL.2.I.E Recognize and respond to familiar adults and routines.	B. Social and Emotional Development 6. Relationships with adults: Children build relationships with other adults. E. Cognitive Development 23. Object permanence: Children discover object permanence. 32. Anticipating events: Children anticipate familiar events.

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	<i>Approaches to Learning CONT</i>	
	E. Memory, CONT	
	Infants and toddler will demonstrate an increased ability to retain and recall information. CONT	
Young Toddler	AL.2.YT.E Recall information from previous experiences.	E. Cognitive Development 23. Object permanence: Children discover object permanence. 32. Anticipating events: Children anticipate familiar events.
Older Toddler:	AL.2.OT.E Retain and recall information from previous experiences.	E. Cognitive Development 23. Object permanence: Children discover object permanence. 32. Anticipating events: Children anticipate familiar events.
	AL.3 Applying Knowledge	
	A/B. Creativity/Invention	
	Infants and toddler will interact with their environment in increasingly unique and novel ways.	
Infant:	AL.3.I.A/B Respond to music, art and stories.	D. Communication, Language, and Literacy 21. Enjoying language: Children enjoy stories, rhymes, and songs. F. Creative Arts 37. Exploring art materials: Children explore building and art materials. 40. Responding to music: Children respond to music.
Young Toddler	AL.3.YT.A/B Express self through simple actions, gestures and words.	D. Communication, Language, and Literacy 19. Speaking: Children speak. 21. Enjoying language: Children enjoy stories, rhymes, and songs. F. Creative Arts 36. Imitating and pretending: Children imitate and pretend.

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	<i>Approaches to Learning CONT</i>	
	AL.3 Applying Knowledge, CONT	
	A/B. Creativity/Invention, CONT	
	Infants and toddler will interact with their environment in increasingly unique and novel ways. CONT	
Older Toddler:	AL.3.OT.A/B Construct music, art and stories as a means of self- expression.	D. Communication, Language, and Literacy 19. Speaking: Children speak. 21. Enjoying language: Children enjoy stories, rhymes, and songs. F. Creative Arts 36. Imitating and pretending: Children imitate and pretend.
	C. Representation	
	Infants and toddlers will use a variety of materials to represent their understanding of the environment.	
Infant:	AL.3.I.C Use a variety of materials to create.	F. Creative Arts 36. Imitating and pretending: Children imitate and pretend. 37. Exploring art materials: Children explore building and art materials.
Young Toddler	AL.3.YT.C Use a variety of materials to represent familiar objects.	F. Creative Arts 36. Imitating and pretending: Children imitate and pretend. 37. Exploring art materials: Children explore building and art materials.
Older Toddler:	AL.3.OT.C Experiment with materials to represent objects.	F. Creative Arts 36. Imitating and pretending: Children imitate and pretend. 37. Exploring art materials: Children explore building and art materials.

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	<i>Approaches to Learning CONT</i>	
	AL.4 Learning Through Experience	
	A. Making Connections	
	Infants and toddlers will demonstrate an increasing ability to make connections between experiences.	
Infant:	AL.4.I.A Demonstrate comfort in routines, objects and materials that reflect home experiences.	B. Social and Emotional Development 5. Attachment: Children form an attachment to a primary caregiver. 11. Group participation: Children participate in group routines.
Young Toddler	AL.4.YT.A Relay experience from one setting to another.	B. Social and Emotional Development 5. Attachment: Children form an attachment to a primary caregiver.
Older Toddler:	AL.4.OT.A Notice similarities and differences between settings.	E. Cognitive Development 24. Exploring same and different: Children explore and notice how things are the same or different.
	B. Resiliency – Competence	
	Infants and toddlers will demonstrate competence while attempting activities and tasks.	
Infant:	AL.4.I.B Use comfort of familiar experiences to explore new activities and experiences.	A. Approaches to Learning 1. Initiative: Children express initiative.
Young Toddler	AL.4.YT.B Repeat familiar activity to gain comfort and confidence.	A. Approaches to Learning 1. Initiative: Children express initiative.
Older Toddler:	AL.4.OT.B Approach new experiences with confidence.	A. Approaches to Learning 1. Initiative: Children express initiative.

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	<i>Approaches to Learning CONT</i>	
	C. Problem Solving	
	Infants and toddlers will increasingly act with intention and persistence in attempt to problem solve.	
Infant:	AL.4.IC Play with a variety of objects to determine similar and different outcomes.	A. Approaches to Learning 2. Problem solving: Children solve problems encountered in exploration and play. E. Cognitive Development 35. Cause and effect: Children repeat an action to make something happen again, experience cause and effect.
Young Toddler	AL.4.YTC Solve simple problems independently.	A. Approaches to Learning 2. Problem solving: Children solve problems encountered in exploration and play. E. Cognitive Development 35. Cause and effect: Children repeat an action to make something happen again, experience cause and effect.
Older Toddler:	AL.4.OTC Attempt problem solving activities to achieve a positive outcome.	A. Approaches to Learning 2. Problem solving: Children solve problems encountered in exploration and play. E. Cognitive Development 35. Cause and effect: Children repeat an action to make something happen again, experience cause and effect.

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	<i>Language and Literacy Development</i>	
	1.1 Foundational Skills	
	A. Book Handling	
	Infants and toddlers will demonstrate book handling skills.	
Infant:	1.1.I.A Explore books in a variety of ways.	D. Communication, Language, and Literacy 20. Exploring print: Children explore picture books and magazines.
Young Toddler	1.1 YT.A Demonstrate beginning book handling skills.	D. Communication, Language, and Literacy 20. Exploring print: Children explore picture books and magazines.
Older Toddler:	1.1 OT.A Demonstrate book handling skills.	D. Communication, Language, and Literacy 20. Exploring print: Children explore picture books and magazines.
	B. Print Concepts	
	Infants and toddlers will become increasingly aware of print.	
Infant:	1.1I.B Demonstrate interest in books that have color, pattern, and contrast.	D. Communication, Language, and Literacy 20. Exploring print: Children explore picture books and magazines.
Young Toddler	1.1 YT.B Demonstrate interest in pictures and text.	D. Communication, Language, and Literacy 20. Exploring print: Children explore picture books and magazines.
Older Toddler:	1.1 OT.B Recognize that print has meaning.	D. Communication, Language, and Literacy 20. Exploring print: Children explore picture books and magazines.

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	<i>Language and Literacy Development CONT</i>	
	C. Phonological Awareness	
	Infants and Toddlers will learn to make sense of sounds within the environment.	
Infant:	1.1 I.C Respond to sounds in the environment.	D. Communication, Language, and Literacy 16. Listening and responding: Children listen and respond. F. Creative Arts 41. Sounds: Children explore and imitate sounds.
Young Toddler	1.1 YT.C Identify and imitate familiar sounds in the environment.	D. Communication, Language, and Literacy 16. Listening and responding: Children listen and respond. F. Creative Arts 41. Sounds: Children explore and imitate sounds.
Older Toddler:	1.1 OT.C Categorize familiar sounds.	D. Communication, Language, and Literacy 16. Listening and responding: Children listen and respond. F. Creative Arts 41. Sounds: Children explore and imitate sounds.
	D. Phonics and Word Recognition	
	Infants and toddlers will engage with print within their environment.	
Infant:	EMERGING	
Young Toddler	EMERGING	
Older Toddler:	1.1.OT.D Recognize familiar environmental print.	D. Communication, Language, and Literacy 20. Exploring print: Children explore picture books and magazines.

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	<i>Language and Literacy Development CONT</i>	
	1.2 Reading Informational Text	
	B. Key Ideas and Details	
	Infants and toddlers will actively engage with text.	
Infant:	1.2 I.B Attend to a picture in a text when reading with an adult.	D. Communication, Language, and Literacy 20. Exploring print: Children explore picture books and magazines.
Young Toddler	1.2 YT.B Respond to simple questions about a text.	D. Communication, Language, and Literacy 20. Exploring print: Children explore picture books and magazines.
Older Toddler:	1.2 OT.B Answer simple questions about a text.	D. Communication, Language, and Literacy 20. Exploring print: Children explore picture books and magazines.
	C. Key Ideas and Details	
	Infants and Toddlers will begin to relate text to their personal experiences.	
Infant:	EMERGING	
Young Toddler	1.2 YT.C Relate familiar objects in a text to personal experience.	D. Communication, Language, and Literacy 20. Exploring print: Children explore picture books and magazines.
Older Toddler:	1.2 OT.C Relate text to personal experiences when asked.	D. Communication, Language, and Literacy 20. Exploring print: Children explore picture books and magazines.
	E. Craft and Structure - Text Structure	
	Infants and toddlers will show an awareness of parts of the book.	
Infant:	EMERGING	

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	<i>Language and Literacy Development CONT</i>	
	1.2 Reading Informational Text, CONT	
	C. Key Ideas and Details, CONT	
	Infants and Toddlers will begin to relate text to their personal experiences., CONT	
Young Toddler	1.2. YT.E Identify a favorite book by its cover.	D. Communication, Language, and Literacy 20. Exploring print: Children explore picture books and magazines.
Older Toddler:	1.2 OT.E Identify a text by the front cover.	D. Communication, Language, and Literacy 20. Exploring print: Children explore picture books and magazines.
	G. Integration of Knowledge and	
	Infants and toddlers will begin to associate pictures with text.	
Infant:	EMERGING	
Young Toddler	EMERGING	
Older Toddler:	1.2 OT.G Notice details in illustration or picture.	D. Communication, Language, and Literacy 20. Exploring print: Children explore picture books and magazines.
	J. Vocabulary Acquisition and Use	
	Infants and toddlers will acquire and use an increased amount of vocabulary in everyday speech.	
Infant:	1.2 I.J Use single words to identify family members and familiar objects.	D. Communication, Language, and Literacy 19. Speaking: Children speak.
Young Toddler	1.2. YT.J Use new vocabulary in everyday speech.	D. Communication, Language, and Literacy 19. Speaking: Children speak.
Older Toddler:	1.2. OT.J Use expanded vocabulary in everyday speech.	D. Communication, Language, and Literacy 19. Speaking: Children speak.

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	Language and Literacy Development CONT	
	L. Range of Reading	
	Infants and toddlers will engage in reading activities.	
Infant:	1.2 I.L Engage in reading activities.	D. Communication, Language, and Literacy 20. Exploring print: Children explore picture books and magazines. 21. Enjoying language: Children enjoy stories, rhymes, and songs.
Young Toddler	1.2. YT.L Actively engage in reading activities for short periods of time.	D. Communication, Language, and Literacy 20. Exploring print: Children explore picture books and magazines. 21. Enjoying language: Children enjoy stories, rhymes, and songs.
Older Toddler:	1.2. OT.L Actively engage in small group reading activities.	D. Communication, Language, and Literacy 20. Exploring print: Children explore picture books and magazines. 21. Enjoying language: Children enjoy stories, rhymes, and songs.
	1.3 Reading Literature	
	A. Key Ideas and Details - Theme	
	Infants and toddlers will recall an event from a story.	
Infant:	EMERGING	
Young Toddler	EMERGING	
Older Toddler:	1.3.OT.A Recall an event from a story.	D. Communication, Language, and Literacy 20. Exploring print: Children explore picture books and magazines. 21. Enjoying language: Children enjoy stories, rhymes, and songs.

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	Language and Literacy Development CONT	
	B. Key Ideas and Details Text Analysis	
	Infants and toddlers will actively engage with a story.	
Infant:	1.3 I.B Attend to a picture in a story when reading with an adult.	D. Communication, Language, and Literacy 20. Exploring print: Children explore picture books and magazines. F. Creative Arts 38. Identifying visual images: Children respond to and identify pictures and photographs.
Young Toddler	1.3 YT.B Respond to simple questions about a story.	D. Communication, Language, and Literacy 20. Exploring print: Children explore picture books and magazines. 21. Enjoying language: Children enjoy stories, rhymes, and songs.
Older Toddler:	1.2 OT.B Answer simple questions about a story.	D. Communication, Language, and Literacy 20. Exploring print: Children explore picture books and magazines. 21. Enjoying language: Children enjoy stories, rhymes, and songs.
	C. Key Ideas and Details - Literary Elements	
	Infants and toddlers will recognize basic elements of a story.	
Infant:	EMERGING	
Young Toddler	EMERGING	
Older Toddler:	1.3.OT.C Recognize pictures of familiar characters in a book.	D. Communication, Language, and Literacy 20. Exploring print: Children explore picture books and magazines. F. Creative Arts 38. Identifying visual images: Children respond to and identify pictures and photographs.

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	Language and Literacy Development CONT	
	G. Integration of Knowledge and	
	Infants and toddlers will use illustrations as a source of information about a story.	
Infant:	EMERGING	
Young Toddler	EMERGING	
Older Toddler:	1.3 OT.G Notice details in illustration or picture.	F. Creative Arts 38. Identifying visual images: Children respond to and identify pictures and photographs.
	J. Vocabulary Acquisition and Use	
	Infants and toddlers will acquire and use an increased amount of vocabulary in everyday speech.	
Infant:	1.3 I.J Use single words to identify family members and familiar objects.	D. Communication, Language, and Literacy 19. Speaking: Children speak.
Young Toddler	1.3. YT.J Use new vocabulary in everyday speech.	D. Communication, Language, and Literacy 19. Speaking: Children speak.
Older Toddler:	1.3. OT.J Use expanded vocabulary in everyday speech.	D. Communication, Language, and Literacy 19. Speaking: Children speak.
	L. Range of Reading	
	Infants and toddlers will begin to participate in group story times.	
Infant:	1.3 I.L Engage in reading activities.	D. Communication, Language, and Literacy 20. Exploring print: Children explore picture books and magazines. 21. Enjoying language: Children enjoy stories, rhymes, and songs.

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	Language and Literacy Development CONT	
	L. Range of Reading, CONT	
	Infants and toddlers will begin to participate in group story times. CONT	
Young Toddler	1.3. YT.L Actively engage in reading activities for short periods of time.	D. Communication, Language, and Literacy 20. Exploring print: Children explore picture books and magazines. 21. Enjoying language: Children enjoy stories, rhymes, and songs.
Older Toddler:	1.2. OT.L Actively engage in small group reading activities.	D. Communication, Language, and Literacy 20. Exploring print: Children explore picture books and magazines. 21. Enjoying language: Children enjoy stories, rhymes, and songs.
	1.4 Writing	
	M. Narrative	
	Infants and toddlers will engage in pre-writing by communicating about their illustrations.	
Infant:	EMERGING	
Young Toddler	EMERGING	
Older Toddler:	1.4.OT.M Tell a story about a picture.	D. Communication, Language, and Literacy 20. Exploring print: Children explore picture books and magazines. F. Creative Arts 38. Identifying visual images: Children respond to and identify pictures and photographs.

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	Language and Literacy Development CONT	
	R. Narrative Conventions of Language	
	Infants and toddlers will develop pre-writing skills.	
Infant:	1.4.I.R Make marks with writing and drawing tools.	F. Creative Arts 37. Exploring art materials: Children explore building and art materials.
Young Toddler	1.4.YT.R Scribble with writing and drawing tools.	F. Creative Arts 37. Exploring art materials: Children explore building and art materials.
Older Toddler:	1.4.OT.R Intentionally make marks with writing and drawing tools.	F. Creative Arts 37. Exploring art materials: Children explore building and art materials.
	V. Conducting Research	
	Infants and toddlers will use sensory exploration and demonstrate a growing interest in the environment to gain information.	
Infant:	EMERGING	
Young Toddler	EMERGING	
Older Toddler:	1.4.OT.V Ask questions about topics of personal interest to gain information.	D. Communication, Language, and Literacy 19. Speaking: Children speak.
	1.5 Speaking and Listening	
	A. Comprehension and Collaboration	
	Infants and toddlers will engage in reciprocal communication.	
Infant:	1.5.I.A Use sounds and gestures as a form of reciprocal communication.	D. Communication, Language, and Literacy 16. Listening and responding: Children listen and respond. 17. Nonverbal communication: Children communicate nonverbally. 18. Two-way communication: Children participate in two-way communication. 19. Speaking: Children speak.

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	<i>Language and Literacy Development CONT</i>	
	1.5 Speaking and Listening, CONT	
	A. Comprehension and Collaboration, CONT	
	Infants and toddlers will engage in reciprocal communication. CONT	
Young Toddler	1.5.YT.A Use sounds, gestures, and words as a form of reciprocal communication.	D. Communication, Language, and Literacy 16. Listening and responding: Children listen and respond. 17. Nonverbal communication: Children communicate nonverbally. 18. Two-way communication: Children participate in two-way communication. 19. Speaking: Children speak.
Older Toddler:	1.5.OT.A Engage in reciprocal conversations and interactions with peers and adults.	D. Communication, Language, and Literacy 16. Listening and responding: Children listen and respond. 18. Two-way communication: Children participate in two-way communication. 19. Speaking: Children speak.
	C. Comprehension and Collaboration Evaluation	
	Infants and toddlers will develop receptive language skills.	
Infant:	1.5.I.C Respond in ways that indicate understanding of what is being communicated.	D. Communication, Language, and Literacy 16. Listening and responding: Children listen and respond. 17. Nonverbal communication: Children communicate nonverbally. 18. Two-way communication: Children participate in two-way communication. 19. Speaking: Children speak.

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	<i>Language and Literacy Development CONT</i>	
	1.5 Speaking and Listening, CONT	
	C. Comprehension and Collaboration Evaluation, CONT	
	Infants and toddlers will develop receptive language skills. CONT	
Young Toddler	1.5.YT.C Respond to questions, comments or directions.	D. Communication, Language, and Literacy 16. Listening and responding: Children listen and respond. 17. Nonverbal communication: Children communicate nonverbally. 18. Two-way communication: Children participate in two-way communication. 19. Speaking: Children speak.
Older Toddler:	1.5.OT.C Respond to questions, comments or directions.	D. Communication, Language, and Literacy 16. Listening and responding: Children listen and respond. 18. Two-way communication: Children participate in two-way communication. 19. Speaking: Children speak.
	D/E. Presentation of Knowledge	
	Infants and toddlers will develop expressive language skills.	
Infant:	1.5.I.D/E Babble and begin to use single words and/or signs.	D. Communication, Language, and Literacy 16. Listening and responding: Children listen and respond. 17. Nonverbal communication: Children communicate nonverbally. 18. Two-way communication: Children participate in two-way communication. 19. Speaking: Children speak.

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	Language and Literacy Development CONT	
	D/E. Presentation of Knowledge, CONT	
	Infants and toddlers will develop expressive language skills. CONT	
Young Toddler	1.5.YT.D/E Use 1-2 words and/or signs to communicate.	D. Communication, Language, and Literacy 16. Listening and responding: Children listen and respond. 17. Nonverbal communication: Children communicate nonverbally. 18. Two-way communication: Children participate in two-way communication. 19. Speaking: Children speak.
Older Toddler:	1.5.OT.D/E Use simple sentences; communicating clearly enough to be understood by familiar adults.	D. Communication, Language, and Literacy 16. Listening and responding: Children listen and respond. 18. Two-way communication: Children participate in two-way communication. 19. Speaking: Children speak.
	G. Conventions of Standard English	
	Infants and Toddlers demonstrate command of the conventions of standard English when speaking.	
Infant:	EMERGING	
Young Toddler	EMERGING	
Older Toddler:	1.5.OT.G Demonstrate command of the conventions of standard English when speaking based on older toddler development.	D. Communication, Language, and Literacy 18. Two-way communication: Children participate in two-way communication. 19. Speaking: Children speak.

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	<i>Mathematical Thinking and Expression</i>	
	2.1 Numbers and Operations	
	A.1. Counting and Cardinality: <i>Cardinality</i>	
	Infants and toddlers will demonstrate increased understanding of numbers and rote counting.	
Infant:	2.1. I.A.1 Explore objects	E. Cognitive Development 22. Exploring objects: Children explore objects with their hands, feet, mouth, eyes, ears, and nose.
Young Toddler	2.1 YT.A.1 Imitate rote counting using some names of numbers.	E. Cognitive Development 27. Number: Children experience the number of things.
Older Toddler:	2.1 OT.A.1 Know some number names and the count sequence.	E. Cognitive Development 27. Number: Children experience the number of things.
	A.2. Counting and Cardinality: <i>Counting</i>	
	Infants and toddlers will develop an increasing ability to count to tell the number of objects.	
Infant:	EMERGING	
Young Toddler	EMERGING	
Older Toddler:	2.1 OT.A.2 Count to tell the number of objects.	E. Cognitive Development 26. One-to-one correspondence: Children experience one-to-one correspondence. 27. Number: Children experience the number of things.

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	Mathematical Thinking and Expression CONT	
	A. 3. Counting and Cardinality: <i>Comparing</i>	
	Infants and Toddlers will develop and increasing understanding of comparisons between objects.	
Infant:	2.1 I.A.3 Explore relationships between objects.	E. Cognitive Development 22. Exploring objects: Children explore objects with their hands, feet, mouth, eyes, ears, and nose. 24. Exploring same and different: Children explore and notice how things are the same or different. 29. Filling and emptying: Children fill and empty, put in and take out.
Young Toddler	2.1. YT.A.3 Explore simple comparisons of quantity.	E. Cognitive Development 25. Exploring more: Children experience more.
Older Toddler:	2.1 .OT.A.3 Use comparative language to show understanding of more or less.	E. Cognitive Development 24. Exploring same and different: Children explore and notice how things are the same or different. 25. Exploring more: Children experience more.
	M.P. Counting and Cardinality: <i>Mathematical Processes</i>	
	Infants and toddlers will demonstrate an increased ability to use mathematical processes when quantifying, comparing and representing numbers.	
Infant:	2.1.I.MP Engage in numerical play.	E. Cognitive Development 25. Exploring more: Children experience more. 27. Number: Children experience the number of things. 29. Filling and emptying: Children fill and empty, put in and take out.

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	Mathematical Thinking and Expression CONT	
	M.P. Counting and Cardinality: <i>Mathematical Processes, CONT</i>	
	Infants and toddlers will demonstrate an increased ability to use mathematical processes when quantifying, comparing and representing numbers. CONT	
Young Toddler	2.1.YT.MP Engage and persist in numerical play.	E. Cognitive Development 25. Exploring more: Children experience more. 27. Number: Children experience the number of things. 29. Filling and emptying: Children fill and empty, put in and take out.
Older Toddler:	2.1.OT.MP Use mathematical processes when quantifying, comparing and representing numbers.	E. Cognitive Development 25. Exploring more: Children experience more. 26. One-to-one correspondence: Children experience one-to-one correspondence. 27. Number: Children experience the number of things.
	2.2 Algebraic Concepts	
	A.1. Operations and Algebraic Thinking	
	Infants and toddlers will engage in simple addition and subtraction experiences.	
Infant:	EMERGING	
Young Toddler	2.2 YT.A.1 Sort manipulatives into sets.	E. Cognitive Development 24. Exploring same and different: Children explore and notice how things are the same or different.
Older Toddler:	2.2 .OT.A.1 Add to and take apart sets.	E. Cognitive Development 24. Exploring same and different: Children explore and notice how things are the same or different.

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	Mathematical Thinking and Expression CONT	
	2.3 Geometry	
	A.1. Geometry: Identification	
	Infants and toddlers will demonstrate an increased ability to identify basic shapes.	
Infant:	2.3.I.A.1 Explore objects of different sizes and shapes.	E. Cognitive Development 24. Exploring same and different: Children explore and notice how things are the same or different.
Young Toddler	2.3.YT.A.1 Match identical shapes.	E. Cognitive Development 24. Exploring same and different: Children explore and notice how things are the same or different.
Older Toddler:	2.3.OT.A.1 Recognize and identify basic shapes in the environment.	E. Cognitive Development 24. Exploring same and different: Children explore and notice how things are the same or different.
	A. 2. Geometry: Application	
	Infants and toddlers will create and compose simple shapes.	
Infant:	EMERGING	
Young Toddler	EMERGING	
Older Toddler:	2.3.OT.A.2 Create and compose simple shapes.	
	A. Geometry : Math Process	
	Infants and toddlers will demonstrate an increased ability to use mathematical processes when engaged in geometric play.	
Infant:	2.3.I.MP Engage in geometric play.	
Young Toddler	2.3.YT.MP Engage and persist in geometric play.	

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	<i>Mathematical Thinking and Expression CONT</i>	
	A. 2. Geometry: Application, CONT	
	Infants and toddlers will create and compose simple shapes. CONT	
Older Toddler:	2.3.OT.MP Use mathematical processes when creating and composing shapes.	
	2. 4 Measurement, Data and Probability	
	A.1. Measurement and Data: <i>Measurement</i>	
	Infants and toddlers will explore basic measureable attributes of everyday objects.	
Infant:	EMERGING	
Young Toddler	2.4.YT.A.1 Engage in measurement experiences.	E. Cognitive Development 24. Exploring same and different: Children explore and notice how things are the same or different. 29. Filling and emptying: Children fill and empty, put in and take out.
Older Toddler:	2.4.OT.A.1 Use basic measurement vocabulary.	E. Cognitive Development 24. Exploring same and different: Children explore and notice how things are the same or different.
	A.2. Measurement and Data: <i>Data</i>	
	Infants and toddlers will demonstrate an increased ability to classify and organize data.	
Infant:	EMERGING	
Young Toddler	2.4 YT.A.2 Participate in sorting objects.	E. Cognitive Development 22. Exploring objects: Children explore objects with their hands, feet, mouth, eyes, ears, and nose. 24. Exploring same and different: Children explore and notice how things are the same or different.

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	Mathematical Thinking and Expression CONT	
	A.2. Measurement and Data: Data, CONT	
	Infants and toddlers will demonstrate an increased ability to classify and organize data. CONT	
Older Toddler:	2.4 OT.A.2 Classify objects and count the number of objects in each category.	E. Cognitive Development 22. Exploring objects: Children explore objects with their hands, feet, mouth, eyes, ears, and nose. 24. Exploring same and different: Children explore and notice how things are the same or different. 27. Number: Children experience the number of things.
	MP. Measurement and Data	
	Infants and toddlers will demonstrate an increased ability to engage in and communicate about measuring, representing, organizing and understanding data.	
Infant:	EMERGING	
Young Toddler	2.1.YT.MP Engage and persist when measuring and sorting objects.	E. Cognitive Development 22. Exploring objects: Children explore objects with their hands, feet, mouth, eyes, ears, and nose. 24. Exploring same and different: Children explore and notice how things are the same or different. 29. Filling and emptying: Children fill and empty, put in and take out.
Older Toddler:	2.1.OT.MP Use mathematical processes when measuring; organizing data.	E. Cognitive Development 24. Exploring same and different: Children explore and notice how things are the same or different.

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	Scientific Thinking and Technology	
	3.1 Biological Sciences	
	A. Living and Non-Living Organisms	
	1. Common Characteristics of Life	
Infant:	3.1 I.A.1 Show interest in the natural world.	E. Cognitive Development 22. Exploring objects: Children explore objects with their hands, feet, mouth, eyes, ears, and nose.
Young Toddler	3.1 YT.A.1 Explore the characteristics of living things.	E. Cognitive Development 22. Exploring objects: Children explore objects with their hands, feet, mouth, eyes, ears, and nose.
Older Toddler:	3.1 OT.A.1 Identify basic characteristics of some living and non-living things.	
	2. Energy Flow	
	Infants and toddlers will demonstrate an increased understanding of the basic needs of plants and animals.	
Infant:	EMERGING	
Young Toddler	3.1.YT.A.2 Explore the basic needs of plants and animals.	E. Cognitive Development 22. Exploring objects: Children explore objects with their hands, feet, mouth, eyes, ears, and nose.
Older Toddler:	3.1. OT.A.2 Recognize that plants and animals have basic needs.	
	3. Life Cycles	
	Infants and toddlers will notice plants and animals growing and changing.	
Infant:	EMERGING	
Young Toddler	EMERGING	

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	Scientific Thinking and Technology, CONT	
	2. Energy Flow, CONT	
	Infants and toddlers will demonstrate an increased understanding of the basic needs of plants and animals. CONT	
Older Toddler:	3.1.OT.A.3 Notice plants and animals growing and changing.	E. Cognitive Development 24. Exploring same and different: Children explore and notice how things are the same or different.
	5. Form and Function	
	Infants and toddlers will increase their ability to recognize and identify basic parts of living things.	
Infant:	3.1.I.A.5 Explore parts of living things in their environment.	E. Cognitive Development 22. Exploring objects: Children explore objects with their hands, feet, mouth, eyes, ears, and nose.
Young Toddler	3.1.YT.A.5 Recognize parts of living things in their environment.	
Older Toddler:	3.1.OT.A.5 Identify basic parts of living things.	
	9. Science as Inquiry	
	Infants and toddlers will become increasingly purposeful in their exploration of living and non-living things.	
Infant:	3.1.I.A.9 Participate in simple investigations of living and non-living things.	E. Cognitive Development 22. Exploring objects: Children explore objects with their hands, feet, mouth, eyes, ears, and nose.
Young Toddler	3.1.YT.A.9 Participate in simple investigations to observe living and non-living things.	E. Cognitive Development 22. Exploring objects: Children explore objects with their hands, feet, mouth, eyes, ears, and nose.

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	Scientific Thinking and Technology, CONT	
	5. Form and Function, CONT	
	Infants and toddlers will increase their ability to recognize and identify basic parts of living things. CONT	
Older Toddler:	3.1.OT.A.9 Participate in simple investigations of living and non-living things to answer a question.	
	3.1.B. Genetics	
	1. Heredity	
	Infants and toddlers will demonstrate an increased awareness of characteristics of living things from the same species	
Infant:	3.1.I.B.1 Recognize self and family members.	F. Creative Arts 38. Identifying visual images: Children respond to and identify pictures and photographs.
Young Toddler	3.1.YT.B.1 Recognize familiar animals and their babies.	F. Creative Arts 38. Identifying visual images: Children respond to and identify pictures and photographs.
Older Toddler:	3.1.OT.B.1 Notice similarities and differences between living things from the same species.	E. Cognitive Development 24. Exploring same and different: Children explore and notice how things are the same or different.
	6. Science as Inquiry	
	Infants and toddlers will become increasingly purposeful in their exploration of the physical characteristics of living things from the same species.	
Infant:	3.1. I.B.6 Participate in simple investigations of physical characteristics of living things.	
Young Toddler	3.1.YT.B.6 Participate in simple investigations to observe physical characteristics of living things.	

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	<i>Scientific Thinking and Technology, CONT</i>	
	6. Science as Inquiry, CONT	
	Infants and toddlers will become increasingly purposeful in their exploration of the physical characteristics of living things from the same species. CONT	
Older Toddler:	3.1.OT.B.6 Participate in simple investigations of physical characteristics of living things from same species to answer a question.	
	3.1.C. Evolution	
	3. Unifying Themes (Constancy and Change)	
	Infants and toddlers will notice changes that occur in animals.	
Infant:	EMERGING	
Young Toddler	EMERGING	
Older Toddler:	3.1.OT.C.3 Notice changes that occur in animals.	
	4. Science as Inquiry	
	Infants and toddlers will become increasingly purposeful in their investigation of the physical characteristics of animals.	
Infant:	EMERGING	
Young Toddler	EMERGING	
Older Toddler:	3.1.OT.C.4 Participate in simple investigations of changes that occur in animals.	

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	Scientific Thinking and Technology, CONT	
	3.2 Physical Sciences	
	A. Chemistry	
	1. Properties of Matter	
	Infants and toddlers will become increasingly purposeful in their investigation of the characteristics of objects.	
Infant:	3.2.I.A.1 Explore objects with varying characteristics.	E. Cognitive Development 22. Exploring objects: Children explore objects with their hands, feet, mouth, eyes, ears, and nose.
Young Toddler	3.2.YT.A.1 Engage with objects to learn about their characteristics	E. Cognitive Development 22. Exploring objects: Children explore objects with their hands, feet, mouth, eyes, ears, and nose.
Older Toddler:	3.2.OT.A.1 Describe objects by their characteristics.	E. Cognitive Development 22. Exploring objects: Children explore objects with their hands, feet, mouth, eyes, ears, and nose.
	3. Matter and Energy	
	Infants and toddlers will become increasingly aware of changes in matter.	
Infant:	3.2.I.A.3 Observe activities involving changes in matter.	E. Cognitive Development 22. Exploring objects: Children explore objects with their hands, feet, mouth, eyes, ears, and nose. 24. Exploring same and different: Children explore and notice how things are the same or different.

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	Scientific Thinking and Technology, CONT	
	3.2 Physical Sciences, CONT	
	A. Chemistry, CONT	
	3. Matter and Energy, CONT	
	Infants and toddlers will become increasingly aware of changes in matter. CONT	
Young Toddler	3.2.YT.A.3 Engage in activities involving changes in matter.	E. Cognitive Development 22. Exploring objects: Children explore objects with their hands, feet, mouth, eyes, ears, and nose. 24. Exploring same and different: Children explore and notice how things are the same or different.
Older Toddler:	3.2.OT.A.3 Notice changes in matter.	E. Cognitive Development 22. Exploring objects: Children explore objects with their hands, feet, mouth, eyes, ears, and nose. 24. Exploring same and different: Children explore and notice how things are the same or different.
	6. Science as Inquiry	
	Infants and toddlers will become increasingly purposeful in their investigation in the changes of matter.	
Infant:	3.2.I.A.6 Participate in simple investigations of matter.	E. Cognitive Development 22. Exploring objects: Children explore objects with their hands, feet, mouth, eyes, ears, and nose.
Young Toddler	3.2.YT.A.6 Participate in simple investigations to observe changes in matter.	E. Cognitive Development 22. Exploring objects: Children explore objects with their hands, feet, mouth, eyes, ears, and nose. 24. Exploring same and different: Children explore and notice how things are the same or different.

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	<i>Scientific Thinking and Technology, CONT</i>	
	3.2 Physical Sciences, CONT	
	A. Chemistry, CONT	
	6. Science as Inquiry, CONT	
	Infants and toddlers will become increasingly purposeful in their investigation in the changes of matter. CONT	
Older Toddler:	3.2.OT.A.6 Participate in simple investigations of matter to answer a question.	E. Cognitive Development 22. Exploring objects: Children explore objects with their hands, feet, mouth, eyes, ears, and nose. 24. Exploring same and different: Children explore and notice how things are the same or different.
	1. Force & Motion of Practices & Rigid Bodies	
	Infants and toddlers will become increasingly purposeful in their investigation of how objects move.	
Infant:	3.2.I.B.1 Explore the motion of objects.	E. Cognitive Development 22. Exploring objects: Children explore objects with their hands, feet, mouth, eyes, ears, and nose. 35. Cause and effect: Children repeat an action to make something happen again, experience cause and effect.
Young Toddler	3.2.YT.B.1 Recognize and explore how objects move.	E. Cognitive Development 22. Exploring objects: Children explore objects with their hands, feet, mouth, eyes, ears, and nose. 35. Cause and effect: Children repeat an action to make something happen again, experience cause and effect.

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	Scientific Thinking and Technology, CONT	
	3.2 Physical Sciences, CONT	
Older Toddler:	3.2.OT.B.1 Communicate about the motion of objects.	E. Cognitive Development 22. Exploring objects: Children explore objects with their hands, feet, mouth, eyes, ears, and nose. 35. Cause and effect: Children repeat an action to make something happen again, experience cause and effect.
	5. Nature of Waves (Sound and Light Energy)	
	Infants and Toddlers will learn to make sense of sounds within the environment.	
Infant:	3.2.I.B.5 Respond to sounds in the environment.	D. Communication, Language, and Literacy 16. Listening and responding: Children listen and respond. F. Creative Arts 41. Sounds: Children explore and imitate sounds.
	5. Nature of Waves (Sound and Light Energy), CONT	
	Infants and Toddlers will learn to make sense of sounds within the environment. CONT	
Young Toddler	3.2.YT.B.5 Identify and imitate familiar sounds in the environment.	D. Communication, Language, and Literacy 16. Listening and responding: Children listen and respond. F. Creative Arts 41. Sounds: Children explore and imitate sounds.
Older Toddler:	3.2.OT.B.5 Categorize familiar sounds.	D. Communication, Language, and Literacy 16. Listening and responding: Children listen and respond. F. Creative Arts 41. Sounds: Children explore and imitate sounds.

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	<i>Scientific Thinking and Technology, CONT</i>	
	3.2 Physical Sciences, CONT	
	7. Science as Inquiry	
	Infants and toddlers will become increasingly purposeful in their investigation of motion and sound.	
Infant:	3.2.I.B.7 Participate in simple investigations of motion and sound.	E. Cognitive Development 22. Exploring objects: Children explore objects with their hands, feet, mouth, eyes, ears, and nose. 35. Cause and effect: Children repeat an action to make something happen again, experience cause and effect. 41. Sounds: Children explore and imitate sounds.
Young Toddler	3.2.YT.B.7 Participate in simple investigations to observe motion and sound.	E. Cognitive Development 22. Exploring objects: Children explore objects with their hands, feet, mouth, eyes, ears, and nose. 34. Speed: Children experience fast and slow. 35. Cause and effect: Children repeat an action to make something happen again, experience cause and effect. F. Creative Arts 41. Sounds: Children explore and imitate sounds.
Older Toddler:	3.2.OT.B.7 Participate in simple investigations of motion and sound to answer a question.	E. Cognitive Development 22. Exploring objects: Children explore objects with their hands, feet, mouth, eyes, ears, and nose. 34. Speed: Children experience fast and slow. 35. Cause and effect: Children repeat an action to make something happen again, experience cause and effect. F. Creative Arts 41. Sounds: Children explore and imitate sounds.

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	<i>Scientific Thinking and Technology, CONT</i>	
	3.3 Earth and Space Sciences:	
	A. Earth Structure, Processes and Cycles	
	1. Earth Features and the Processes that Change it	
	Infants and toddlers will demonstrate an increased understanding of earth materials.	
Infant:	3.3.I.A.1 Explore earth materials.	E. Cognitive Development 22. Exploring objects: Children explore objects with their hands, feet, mouth, eyes, ears, and nose.
Young Toddler	3.3.YT.A.1 Engage with earth materials.	E. Cognitive Development 22. Exploring objects: Children explore objects with their hands, feet, mouth, eyes, ears, and nose.
Older Toddler:	3.3.OT.A.1 Describe earth materials.	E. Cognitive Development 22. Exploring objects: Children explore objects with their hands, feet, mouth, eyes, ears, and nose.
	4. Water	
	Infants and toddlers will become increasingly purposeful in their investigation of water leading to an increased understanding of its uses.	
Infant:	3.3.I.A.4 Explore water.	E. Cognitive Development 22. Exploring objects: Children explore objects with their hands, feet, mouth, eyes, ears, and nose.
Young Toddler	3.3.YT.A.4 Engage with water.	E. Cognitive Development 22. Exploring objects: Children explore objects with their hands, feet, mouth, eyes, ears, and nose.
Older Toddler:	3.3.OT.A.4 Discuss basic uses of water.	E. Cognitive Development 22. Exploring objects: Children explore objects with their hands, feet, mouth, eyes, ears, and nose.

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	3.3 Earth and Space Sciences: CONT	
	5. Weather and Climate	
	Infants and toddlers will increase their awareness of weather and its impact on daily life.	
Infant:	3.3.I.A.5 Observe weather conditions.	E. Cognitive Development 22. Exploring objects: Children explore objects with their hands, feet, mouth, eyes, ears, and nose.
Young Toddler	3.3.YT.A.5 Observe and begin to label weather conditions.	E. Cognitive Development 22. Exploring objects: Children explore objects with their hands, feet, mouth, eyes, ears, and nose.
Older Toddler:	3.3.OT.A.5 Describe changes in weather conditions, and discuss how weather affects daily life.	E. Cognitive Development 22. Exploring objects: Children explore objects with their hands, feet, mouth, eyes, ears, and nose. 24. Exploring same and different: Children explore and notice how things are the same or different.
	7. Science as Inquiry	
	Infants and toddlers will become increasingly purposeful in their investigation of earth materials, processes, and cycles.	
Infant:	3.3.I.A.7 Participate in simple investigations of earth materials, processes, and cycles.	E. Cognitive Development 22. Exploring objects: Children explore objects with their hands, feet, mouth, eyes, ears, and nose.
Young Toddler	3.3.YT.A.7 Participate in simple investigations of earth materials, processes, and cycles.	E. Cognitive Development 22. Exploring objects: Children explore objects with their hands, feet, mouth, eyes, ears, and nose.
Older Toddler:	3.3.OT.A.7 Participate in simple investigations of earth materials, processes, and cycles to answer a question.	E. Cognitive Development 22. Exploring objects: Children explore objects with their hands, feet, mouth, eyes, ears, and nose.

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	Scientific Thinking and Technology CONT	
	Environment and Ecology	
	4.1 Ecology	
	A. The Environment	
	Infants and toddlers will demonstrate an increased understanding of living and non-living things in the immediate and surrounding environment.	
Infant:	4.1.I.A Show interest the environment.	E. Cognitive Development 22. Exploring objects: Children explore objects with their hands, feet, mouth, eyes, ears, and nose.
Young Toddler	4.1.YT.A Explore the characteristics of living and non-living things.	E. Cognitive Development 22. Exploring objects: Children explore objects with their hands, feet, mouth, eyes, ears, and nose.
Older Toddler:	4.1.OT.A Identify basic characteristics of some living and non-living things.	E. Cognitive Development 22. Exploring objects: Children explore objects with their hands, feet, mouth, eyes, ears, and nose. 24. Exploring same and different: Children explore and notice how things are the same or different.
	D. Biodiversity	
	Infants and toddlers will demonstrate an increased understanding of the basic needs of living things.	
Infant:	EMERGING	
Young Toddler	4.1.YT.D Explore the basic needs of plants and animals.	
Older Toddler:	4.1.OT.D Recognize that plants and animals have basic needs.	

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	Scientific Thinking and Technology CONT	
	E. Succession	
	Infants and toddlers will demonstrate an increasing awareness of weather change.	
Infant:	4.1.I.E Observe weather conditions.	E. Cognitive Development 22. Exploring objects: Children explore objects with their hands, feet, mouth, eyes, ears, and nose.
Young Toddler	4.1.YT.E Observe and begin to label weather conditions.	E. Cognitive Development 22. Exploring objects: Children explore objects with their hands, feet, mouth, eyes, ears, and nose.
Older Toddler:	4.1.OT.E Describe changes in weather conditions, and discuss how weather affects daily life.	E. Cognitive Development 22. Exploring objects: Children explore objects with their hands, feet, mouth, eyes, ears, and nose. 24. Exploring same and different: Children explore and notice how things are the same or different.
	4.2 Watersheds and Wetlands	
	A. Watersheds	
	Infants and toddlers will participate in discussions about water in the environment.	
Infant:	EMERGING	
Young Toddler	EMERGING	
Older Toddler:	4.2.OT.A Participate in discussions about water in the environment.	

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	<i>Scientific Thinking and Technology CONT</i>	
	4.2 Watersheds and Wetlands, CONT	
	C. Aquatic Ecosystem	
	Infants and toddlers will demonstrate an increased understanding of aquatic (water) and terrestrial (land) habitats.	
Infant:	EMERGING	
Young Toddler	EMERGING	
Older Toddler:	4.2.OT.C Discuss different places animals can live.	
	4.4 Agriculture and Society	
	A. Food and Fiber Systems	
	Infants and toddlers will demonstrate an increased understanding of the basic needs of plants and animals.	
Infant:	EMERGING	
Young Toddler	4.4.YT.A Explore the basic needs of plants and animals.	
Older Toddler:	4.4.OT.A Recognize that plants and animals have basic needs.	
	C. Applying Sciences to Agriculture	
	Infants and toddlers will notice plants and animals growing and changing.	
Infant:	EMERGING	
Young Toddler	EMERGING	

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	<i>Scientific Thinking and Technology CONT</i>	
	4.4 Agriculture and Society, CONT	

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	A. Food and Fiber Systems, CONT	
	Infants and toddlers will demonstrate an increased understanding of the basic needs of plants and animals. CONT	
Older Toddler:	4.4. OT.C Notice plants and animals growing and changing.	
	D. Technology Influences on	
	Infants and toddlers will become increasingly aware of basic gardening tools.	
Infant:	4.4.I.D Observe basic gardening tools being used.	
Young Toddler	4.4.YT.D Imitate the use of basic gardening tools.	
Older Toddler:	4.4.OT.D Label basic garden tools.	
	4.4 Humans and the Environment	
	A. Sustainability	
	Infants and toddlers will demonstrate an increased understanding of people's basic needs.	
Infant:	EMERGING	
Young Toddler	EMERGING	
Older Toddler:	4.5.OT.A Communicate about the basic needs of people.	

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	Scientific Thinking and Technology CONT	
	4.4 Humans and the Environment, CONT	
	B. Integrated Pest Management	
	Infants and toddlers will demonstrate an increased awareness of living things within the natural environment that can be harmful.	
Infant:	EMERGING	
Young Toddler	EMERGING	
Older Toddler:	4.5.OT.B Communicate about insects and animals that can be harmful.	
	D. Waste Management	
	Infants and toddlers will demonstrate an increased awareness of appropriate ways to dispose of waste.	
Infant:	EMERGING	
Young Toddler	4.5.YT.D Use appropriate trash receptacles.	
Older Toddler:	4.5.OT.D Communicate about and use appropriate trash receptacles.	
	15.4 Computer and Information Technology	
	A. Influence of Emerging Technologies	
	Infants and toddlers will use their natural curiosity about the world to appropriately engage with various technologies.	
Infant:	15.4.I.A Imitate use of various technologies in play.	F. Creative Arts 36. Imitating and pretending: Children imitate and pretend.
Young Toddler	15.4.YT.A Imitate use of various technologies in play.	F. Creative Arts 36. Imitating and pretending: Children imitate and pretend.
Older Toddler:	15.4.OT.A Communicate about technology in their environment.	F. Creative Arts 36. Imitating and pretending: Children imitate and pretend.

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	<i>Scientific Thinking and Technology CONT</i>	
	M. Emerging Technologies in Careers	
	Infants and toddlers will demonstrate an increased understanding of workplace technologies.	
Infant:	15.4.I.M Explore pictures and objects that represent workplace technologies.	F. Creative Arts 36. Imitating and pretending: Children imitate and pretend.
Young Toddler	15.4.YT.M Engage with objects that represent workplace technologies.	F. Creative Arts 36. Imitating and pretending: Children imitate and pretend.
Older Toddler:	15.4.OT.M Communicate about workplace technologies and their uses.	F. Creative Arts 36. Imitating and pretending: Children imitate and pretend.

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	<i>Social Studies Thinking: Connecting to Communities</i>	
	5. Civics and Government	
	5.1 Principles and Documents of Government	
	A. Rule of Law	
	Infants and toddlers will demonstrate an increased understanding of socially acceptable behaviors.	
Infant:	5.1. I. A Respond to adult guidance about behavior.	
Young Toddler	5.1. YT. A Demonstrate basic understanding of rules.	
Older Toddler:	5.1 .OT.A Follow basic rules.	B. Social and Emotional Development 11. Group participation: Children participate in group routines.
	5.2 Rights and Responsibilities of Citizenship	
	A. Civics Rights and Responsibilities	
	Infants and Toddlers show increased awareness of themselves as members of a group.	
Infant:	EMERGING	
Young Toddler	5.2.YT.A Demonstrate sense of belonging to a group such as a class or family.	B. Social and Emotional Development 11. Group participation: Children participate in group routines.
Older Toddler:	5.2.OT.A Communicate a sense of belonging to a group such as a class or family.	B. Social and Emotional Development 11. Group participation: Children participate in group routines.

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	<i>Social Studies Thinking: Connecting to Communities CONT</i>	
	B. Conflict and	
	Infants and toddlers will demonstrate an increased ability to communicate about and seek help for interpersonal conflicts.	
Infant:	5.2.I.B Express emotion relating to a conflict.	A. Approaches to Learning 2. Problem solving: Children solve problems encountered in exploration and play. B. Social and Emotional Development 8. Emotions: Children express emotions.
Young Toddler	5.2.YT.B Express emotion relating to a conflict.	A. Approaches to Learning 2. Problem solving: Children solve problems encountered in exploration and play. B. Social and Emotional Development 8. Emotions: Children express emotions.
Older Toddler:	5.2.OT.B Communicate about a conflict and seek help to solve.	A. Approaches to Learning 2. Problem solving: Children solve problems encountered in exploration and play. B. Social and Emotional Development 8. Emotions: Children express emotions.
	C. Government Services	
	Infants and toddlers will demonstrate an increased understanding of workers in the community.	
Infant:	5.3.I.C Explore costumes and props that represent community workers.	F. Creative Arts 36. Imitating and pretending: Children imitate and pretend.
Young Toddler	5.3.YT.C Engage with costumes and props that represent community workers.	F. Creative Arts 36. Imitating and pretending: Children imitate and pretend.

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	<i>Social Studies Thinking: Connecting to Communities CONT</i>	
	C. Government Services, CONT	
	Infants and toddlers will demonstrate an increased understanding of workers in the community. CONT	
Older Toddler:	5.3.OT.C Recognize community workers through their uniforms and equipment.	F. Creative Arts 36. Imitating and pretending: Children imitate and pretend.
	6. Economics	
	6.1 Scarcity and Choice	
	D. Incentives and Choice	
	Infants and toddlers will demonstrate an increased ability to make intentional choices.	
Infant:	6.1.I.D Demonstrate preference for specific objects and people.	A. Approaches to Learning 1. Initiative: Children express initiative.
Young Toddler	6.1.YT.D Make simple choices.	A. Approaches to Learning 1. Initiative: Children express initiative.
Older Toddler:	6.1.OT.D Communicate about a choice based on individual interest.	A. Approaches to Learning 1. Initiative: Children express initiative.
	6.3 Functions of Government	
	D. Government’s Role in International Trade	
	Infants and toddlers will communicate about products produced locally.	
Infant:	EMERGING	
Young Toddler	EMERGING	
Older Toddler:	6.3.OT.D Communicate about products produced locally.	

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	<i>Social Studies Thinking: Connecting to Communities CONT</i>	
	6.5 Income, Profit, and Wealth	
	C. Types of Business	
	Infants and toddlers will communicate about local businesses.	
Infant:	EMERGING	
Young Toddler	EMERGING	
Older Toddler:	6.5.OT.C Communicate about local businesses.	
	7. Geography	
	7.1 Basic Geographic Literacy	
	A. Geographic Tools	
	Infants and toddlers will develop an awareness of landmark and familiar places.	
Infant:	EMERGING	
Young Toddler	EMERGING	
Older Toddler:	7.1.OT.A Use maps in play.	E. Cognitive Development 28. Locating objects: Children explore and notice the location of objects. F. Creative Arts 38. Identifying visual images: Children respond to and identify pictures and photographs.

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	<i>Social Studies Thinking: Connecting to Communities CONT</i>	
	7.2 Physical Characteristics of Places and Regions	
	A. Physical Characteristics	
	Infants and toddlers will describe the characteristics of home to gain understanding of physical features.	
Infant:	EMERGING	
Young Toddler	EMERGING	
Older Toddler:	7.2. OT. A Describe the characteristics of home to gain understanding of physical features.	E. Cognitive Development 28. Locating objects: Children explore and notice the location of objects.
	8. History	
	8.1 Historical Analysis and Skills Development	
	A. Continuity and Change over Time	
	Infants and toddlers will demonstrate an increased awareness of sequences of events.	
Infant:	8.1.I.A Anticipate next step of a familiar routine or activity.	E. Cognitive Development 32. Anticipating events: Children anticipate familiar events.
Young Toddler	8.1.YT.A Know the sequence of familiar routines.	E. Cognitive Development 32. Anticipating events: Children anticipate familiar events.
Older Toddler:	8.1.OT.A Identify and complete the sequence of familiar routines and tasks.	E. Cognitive Development 32. Anticipating events: Children anticipate familiar events.

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	<i>Creative Thinking and Expression</i>	
	9.1.M Production and Performance: Music and Movement	
	A. Elements and Principles	
	Infants and toddlers will demonstrate an increased understanding of the basic elements of music and movement.	
Infant:	EMERGING	
Young Toddler	9.1. M.YT.A. Demonstrate an understanding of basic elements of music and movement.	C. Physical Development and Health 15. Steady beat: Children feel and experience steady beat. F. Creative Arts 39. Listening to music: Children listen to music. 40. Responding to music: Children respond to music.
Older Toddler:	9.1.M.OT.A Know and use basic elements of music and movement.	C. Physical Development and Health 15. Steady beat: Children feel and experience steady beat. F. Creative Arts 39. Listening to music: Children listen to music. 40. Responding to music: Children respond to music.
	B. Demonstration	
	Infants and toddlers will respond to music in a variety of ways.	
Infant:	9.1.M.I.B Respond to music.	C. Physical Development and Health 15. Steady beat: Children feel and experience steady beat. F. Creative Arts 39. Listening to music: Children listen to music. 40. Responding to music: Children respond to music.

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	<i>Creative Thinking and Expression, CONT</i>	
	9.1.M Production and Performance: Music and Movement, CONT	
Young Toddler	9.1.M.YT.B Engage with music.	C. Physical Development and Health 15. Steady beat: Children feel and experience steady beat. F. Creative Arts 39. Listening to music: Children listen to music. 40. Responding to music: Children respond to music.
Older Toddler:	9.1.M.OT.B Respond to and communicate about music.	C. Physical Development and Health 15. Steady beat: Children feel and experience steady beat. F. Creative Arts 39. Listening to music: Children listen to music. 40. Responding to music: Children respond to music.
	E. Representation	
	Infants and toddlers will use imagination and creativity to express self through music and dance.	
Infant:	9.1.M.I.E Respond to music.	C. Physical Development and Health 15. Steady beat: Children feel and experience steady beat. F. Creative Arts 39. Listening to music: Children listen to music. 40. Responding to music: Children respond to music.
Young Toddler	9.1.M.YT.E Engage with music.	C. Physical Development and Health 15. Steady beat: Children feel and experience steady beat. F. Creative Arts 39. Listening to music: Children listen to music. 40. Responding to music: Children respond to music.

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	<i>Creative Thinking and Expression, CONT</i>	
	E. Representation, CONT	
	Infants and toddlers will use imagination and creativity to express self through music and dance. CONT	
Older Toddler:	9.1.M.OT.E Respond to and communicate about music	C. Physical Development and Health 15. Steady beat: Children feel and experience steady beat. F. Creative Arts 39. Listening to music: Children listen to music. 40. Responding to music: Children respond to music.
	J. Technologies	
	Infants and toddlers will use a variety of technologies in music and movement activities.	
Infant:	9.1.M.I.J Use technologies for producing music.	F. Creative Arts 40. Responding to music: Children respond to music. 41. Sounds: Children explore and imitate sounds.
Young Toddler	9.1.M.YT.J Use a variety of technologies for producing music or performing movements.	F. Creative Arts 40. Responding to music: Children respond to music. 41. Sounds: Children explore and imitate sounds.
Older Toddler:	9.1.M.YT.J Use a variety of technologies for producing music or performing movements.	F. Creative Arts 40. Responding to music: Children respond to music. 41. Sounds: Children explore and imitate sounds.

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	<i>Creative Thinking and Expression, CONT</i>	
	9.1.D Production and Performance: Dramatic and Performance Play	
	B. Demonstrations	
	Infants and toddlers will demonstrate increase complexity in dramatic play.	
Infant:	9.1.D.I.B Act out familiar scenarios.	F. Creative Arts 36. Imitating and pretending: Children imitate and pretend.
Young Toddler	9.1.D.YT.B Act out familiar scenarios using objects with intended purpose.	F. Creative Arts 36. Imitating and pretending: Children imitate and pretend.
Older Toddler:	9.1.D.OT.B Explore real or make believe scenarios through dramatic play.	F. Creative Arts 36. Imitating and pretending: Children imitate and pretend.
	E. Representation	
	Infants and toddlers will use imagination and creativity to express self through dramatic play.	
Infant:	EMERGING	
Young Toddler	EMERGING	
Older Toddler:	9.1.D.OT.E Use imagination and creativity to express self through dramatic play.	F. Creative Arts 36. Imitating and pretending: Children imitate and pretend.
	9.1.V Production and Performance: Visual Arts	
	A. Elements and Principles	
	Infants and toddlers increased understanding of the basic elements of visual arts.	
Infant:	EMERGING	

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	<i>Creative Thinking and Expression, CONT</i>	
	9.1.V Production and Performance: Visual Arts, CONT	
	A. Elements and Principles, CONT	
	Infants and toddlers increased understanding of the basic elements of visual arts. CONT	
Young Toddler	9.1. V.YT.A. Demonstrate an understanding of basic elements of visual arts.	F. Creative Arts 37. Exploring art materials: Children explore building and art materials. 38. Identifying visual images: Children respond to and identify pictures and photographs.
Older Toddler:	9.1.V.OT.A Know and use basic elements of visual arts.	F. Creative Arts 37. Exploring art materials: Children explore building and art materials. 38. Identifying visual images: Children respond to and identify pictures and photographs.
	B. Demonstration	
	Infants and Toddlers will demonstrate increased complexity in combining a variety of art materials to engage in the process of art.	
Infant:	9.1.V.I.B Combine a variety of materials to engage in the process of art.	F. Creative Arts 37. Exploring art materials: Children explore building and art materials.
Young Toddler	9.1.V.YT.B Combine a variety of materials to engage in the process of art.	F. Creative Arts 37. Exploring art materials: Children explore building and art materials.
Older Toddler:	9.1.V.OT.B Combine a variety of materials to engage in the process of art.	F. Creative Arts 37. Exploring art materials: Children explore building and art materials.

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	<i>Creative Thinking and Expression, CONT</i>	
	E. Representation	
	Infants and toddlers will use imagination and creativity to express self through the process of art.	
Infant:	EMERGING	
Young Toddler	EMERGING	
Older Toddler:	9.1.M.OT.E Use imagination and creativity to express self through the process of art.	F. Creative Arts 37. Exploring art materials: Children explore building and art materials.
	J. Technologies	
	Infants and Toddlers will use a variety of technologies in the process of creating art.	
Infant:	9.1.V.I.J Use technologies in the process of creating art.	F. Creative Arts 37. Exploring art materials: Children explore building and art materials.
Young Toddler	9.1.V.YT.J Use a variety of technologies in the process of creating art.	F. Creative Arts 37. Exploring art materials: Children explore building and art materials.
Older Toddler:	9.1.V.OT.J Use a variety of technologies in the process of creating art.	F. Creative Arts 37. Exploring art materials: Children explore building and art materials.
	9.3 Critical Response to Works of Art	
	F. Identification	
	Infants and toddlers will engage with and communicate about a variety of art forms.	
Infant:	9.3.I.F. Explore a variety of art forms.	F. Creative Arts 37. Exploring art materials: Children explore building and art materials. 38. Identifying visual images: Children respond to and identify pictures and photographs. 40. Responding to music: Children respond to music.

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	<i>Creative Thinking and Expression, CONT</i>	
	9.3 Critical Response to Works of Art, CONT	
	F. Identification, CONT	
	Infants and toddlers will engage with and communicate about a variety of art forms. CONT	
Young Toddler	9.3.YT.F Engage with a variety of art forms.	F. Creative Arts 37. Exploring art materials: Children explore building and art materials. 38. Identifying visual images: Children respond to and identify pictures and photographs. 40. Responding to music: Children respond to music.
Older Toddler:	9.3. OT.F Communicate about a variety of art forms.	F. Creative Arts 37. Exploring art materials: Children explore building and art materials. 38. Identifying visual images: Children respond to and identify pictures and photographs. 40. Responding to music: Children respond to music.
	G. Critical Response	
	Infants and Toddlers will show interest in and respond to artistic expressions.	
Infant:	9.3.I.G Respond to various art forms.	F. Creative Arts 38. Identifying visual images: Children respond to and identify pictures and photographs. 40. Responding to music: Children respond to music.
Young Toddler	9.3.YT.G Show interest in others' artistic expressions.	F. Creative Arts 38. Identifying visual images: Children respond to and identify pictures and photographs. 40. Responding to music: Children respond to music.

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	<i>Creative Thinking and Expression, CONT</i>	
	G. Critical Response, CONT	
	Infants and Toddlers will show interest in and respond to artistic expressions. CONT	
Older Toddler:	9.3.OT.G Comment on characteristics of others' artistic expressions.	F. Creative Arts 38. Identifying visual images: Children respond to and identify pictures and photographs. 40. Responding to music: Children respond to music.
	<i>Health, Wellness and Physical Development</i>	
	10.1. Concepts of Health	
	B. Interaction of Body Systems	
	Infants and toddlers will identify basic body parts.	
Infant:	10.1.I.B Locate basic body parts when named by an adult.	C. Physical Development and Health 12. Moving parts of the body: Children move parts of the body (turning head, grasping, kicking).
Young Toddler	10.1.YT.B Locate basic body parts when asked.	C. Physical Development and Health 12. Moving parts of the body: Children move parts of the body (turning head, grasping, kicking).
Older Toddler:	10.1.OT.B Identify and locate basic body parts.	C. Physical Development and Health 12. Moving parts of the body: Children move parts of the body (turning head, grasping, kicking).
	C. Nutrition	
	Infants and toddlers will participate in experiences related to healthy food choices.	
Infant:	EMERGING	
Young Toddler	EMERGING	

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	<i>Health, Wellness and Physical Development CONT</i>	
	C. Nutrition, CONT	
	Infants and toddlers will participate in experiences related to healthy food choices. CONT	
Older Toddler:	10.1. OT. C Participate in experiences related to healthy food choices.	
	10.2. Healthful Living	
	A. Health Practices, Products, and Services	
	Infants and toddlers will demonstrate an increased understanding of basic hygiene practices.	
Infant:	10.2.1.A Participate in fundamental practices for good health.	A. Approaches to Learning 3. Self-help: Children do things for themselves.
Young Toddler	10.2.YT.A Engage in fundamental practices for good health.	A. Approaches to Learning 3. Self-help: Children do things for themselves.
Older Toddler:	10.2.OT.A Discuss fundamental practices for good health.	A. Approaches to Learning 3. Self-help: Children do things for themselves.
	10. 3. Safety and Injury Prevention	
	A. Safe and Unsafe Practices	
	Infants and toddlers will engage in basic safety practices.	
Infant:	10.3.1.A Respond to basic safety words.	D. Communication, Language, and Literacy 16. Listening and responding: Children listen and respond.
Young Toddler	10.3.YT.A Cooperate with basic safety practices.	D. Communication, Language, and Literacy 16. Listening and responding: Children listen and respond.
Older Toddler:	10.3.OT.A Use and communicate about basic safety practices.	D. Communication, Language, and Literacy 16. Listening and responding: Children listen and respond.

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	<i>Health, Wellness and Physical Development CONT</i>	
	10.4 Physical Activity: Gross Motor Coordination	
	A. Control and Coordination	
	Infants and toddlers will gain control of their body and movements.	
Infant:	10.4.I.A Develop control of the body.	C. Physical Development and Health 12. Moving parts of the body: Children move parts of the body (turning head, grasping, kicking). 13. Moving the whole body: Children move the whole body (rolling, crawling, cruising, walking, running, balancing).
Young Toddler	10.4.YT.A Control and coordinate the movement of the body.	C. Physical Development and Health 12. Moving parts of the body: Children move parts of the body (turning head, grasping, kicking). 13. Moving the whole body: Children move the whole body (rolling, crawling, cruising, walking, running, balancing).
Older Toddler:	10.4.OT.A Combine and coordinate body movement.	C. Physical Development and Health 12. Moving parts of the body: Children move parts of the body (turning head, grasping, kicking). 13. Moving the whole body: Children move the whole body (rolling, crawling, cruising, walking, running, balancing).

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	<i>Health, Wellness and Physical Development CONT</i>	
	B. Balance and Strength	
	Infants and toddlers will exhibit and demonstrate balance and strength.	
Infant:	10.4.I.B Exhibit strength and balance in stationary body movements.	C. Physical Development and Health 12. Moving parts of the body: Children move parts of the body (turning head, grasping, kicking). 13. Moving the whole body: Children move the whole body (rolling, crawling, cruising, walking, running, balancing).
Young Toddler	10.4.YT.B Exhibit balance and strength when moving from place to place.	C. Physical Development and Health 12. Moving parts of the body: Children move parts of the body (turning head, grasping, kicking). 13. Moving the whole body: Children move the whole body (rolling, crawling, cruising, walking, running, balancing).
Older Toddler:	10.4.OT.B Demonstrate balance and strength when performing gross motor activities.	C. Physical Development and Health 12. Moving parts of the body: Children move parts of the body (turning head, grasping, kicking). 13. Moving the whole body: Children move the whole body (rolling, crawling, cruising, walking, running, balancing).
	10.5 Concepts, Principles and Strategies of Movement: Fine Motor Development	
	A. Strength, Coordination and Muscle	
	Infants and toddlers will develop control and coordination of the hand.	
Infant:	10.5.I.A Use fingers and hands to accomplish actions.	C. Physical Development and Health 12. Moving parts of the body: Children move parts of the body (turning head, grasping, kicking).

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	<i>Health, Wellness and Physical Development CONT</i>	
	10.5 Concepts, Principles and Strategies of Movement: Fine Motor Development, CONT	
	A. Strength, Coordination and Muscle, CONT	
	Infants and toddlers will develop control and coordination of the hand. CONT	
Young Toddler	10.5.YT.A Coordinate use of fingers, hands and wrists to accomplish actions.	C. Physical Development and Health 12. Moving parts of the body: Children move parts of the body (turning head, grasping, kicking).
Older Toddler:	10.5.OT.A Coordinate use of fingers, hands and wrists to accomplish actions.	C. Physical Development and Health 12. Moving parts of the body: Children move parts of the body (turning head, grasping, kicking).
	B. Eye/Hand Coordination	
	Infants and toddlers will develop skills to manipulate toys and objects.	
Infant:	10.5.I.B Use eye and hand coordination to perform a task.	C. Physical Development and Health 12. Moving parts of the body: Children move parts of the body (turning head, grasping, kicking).
Young Toddler	10.5.YT.B Coordinate eye and hand movements to perform a task.	C. Physical Development and Health 12. Moving parts of the body: Children move parts of the body (turning head, grasping, kicking).
Older Toddler:	10.5.OT.B Coordinate eye and hand movements to perform a task.	C. Physical Development and Health 12. Moving parts of the body: Children move parts of the body (turning head, grasping, kicking).

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	<i>Health, Wellness and Physical Development CONT</i>	
	10.5 Concepts, Principles and Strategies of Movement: Fine Motor Development, CONT	
	C. Use of Tools	
	Infants and toddlers will develop skills to use basic tools.	
Infant:	10.5.I.C Manipulate basic tools.	<p>A. Approaches to Learning</p> <p>3. Self-help: Children do things for themselves.</p> <p>C. Physical Development and Health</p> <p>12. Moving parts of the body: Children move parts of the body (turning head, grasping, kicking).</p> <p>14. Moving with objects: Children move with objects.</p>
Young Toddler	10.5.YT.C Use basic tools.	<p>A. Approaches to Learning</p> <p>3. Self-help: Children do things for themselves.</p> <p>C. Physical Development and Health</p> <p>12. Moving parts of the body: Children move parts of the body (turning head, grasping, kicking).</p> <p>14. Moving with objects: Children move with objects.</p>
Older Toddler:	10.5.OT.C Use basic tools demonstrating refined skill.	<p>A. Approaches to Learning</p> <p>3. Self-help: Children do things for themselves.</p> <p>C. Physical Development and Health</p> <p>12. Moving parts of the body: Children move parts of the body (turning head, grasping, kicking).</p> <p>14. Moving with objects: Children move with objects.</p>

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	<i>Social and Emotional Development</i>	
	16.1 Self-Awareness and Self-Regulation	
	A. Regulates Emotions and Behaviors	
	Infants and toddlers will demonstrate an increasing awareness of emotion.	
Infant:	16.1.I.A Demonstrate an emotional response to the environment.	B. Social and Emotional Development 8. Emotions: Children express emotions.
Young Toddler	16.1.YT.A Demonstrate an emotional response in reaction to an experience.	B. Social and Emotional Development 8. Emotions: Children express emotions.
Older Toddler:	16.1.OT.A Make connections between emotions and behavior.	B. Social and Emotional Development 8. Emotions: Children express emotions.
	B. Influences of Personal Traits	
	Infants and toddlers will demonstrate an increasing awareness of self by showing preferences for objects, people and activities.	
Infant:	16.1. I. B Demonstrate preference for specific objects and people.	B. Social and Emotional Development 5. Attachment: Children form an attachment to a primary caregiver.
Young Toddler	16.1.YT.B Demonstrate preference for specific objects or activities.	B. Social and Emotional Development 5. Attachment: Children form an attachment to a primary caregiver.
Older Toddler:	16.1.OT.B Communicate preference for people, objects, and activities.	B. Social and Emotional Development 5. Attachment: Children form an attachment to a primary caregiver.

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	<i>Social and Emotional Development, CONT</i>	
	C. Resiliency	
	Infants and toddlers will demonstrate competence while attempting activities and tasks.	
Infant:	16.1.I.C Use comfort of familiar experiences to explore new activities and experiences.	B. Social and Emotional Development 1. Initiative: Children express initiative. 5. Attachment: Children form an attachment to a primary caregiver.
Young Toddler	16.1.YT.C Repeat familiar activity to gain comfort and confidence.	B. Social and Emotional Development 1. Initiative: Children express initiative. 5. Attachment: Children form an attachment to a primary caregiver.
Older Toddler:	16.1.OT.C Approach new experiences with confidence.	B. Social and Emotional Development 1. Initiative: Children express initiative.
	D. Goal Setting	
	Infants and toddlers will establish goals independently.	
Infant:	EMERGING	
Young Toddler	EMERGING	
Older Toddler:	16.1.OT.D Establish goals independently.	B. Social and Emotional Development 1. Initiative: Children express initiative.
	E. Identity Development	
	Infants and toddlers will demonstrate an increased concept of self.	
Infant:	16.1.I.E Respond to self in mirror.	B. Social and Emotional Development 4. Distinguishing self and others: Children distinguish themselves from others.
Young Toddler	16.1.OT.E Convey ownership of objects and people.	B. Social and Emotional Development 4. Distinguishing self and others: Children distinguish themselves from others.

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	<i>Social and Emotional Development, CONT</i>	
	E. Identity Development, CONT	
	Infants and toddlers will demonstrate an increased concept of self. CONT	
Older Toddler:	16.1.OT.E Use language that indicates knowledge of self.	B. Social and Emotional Development 4. Distinguishing self and others: Children distinguish themselves from others.
	16.2 Establishing and Maintaining Relationships	
	A. Relationships: Trust and Attachment	
	Infants and toddlers will attach to familiar adults and use this bond as a secure base to develop independence.	
Infant:	16.2.I.A Show affection and bond with familiar adults.	B. Social and Emotional Development 5. Attachment: Children form an attachment to a primary caregiver.
Young Toddler	16.2.YT.A Use trusted adult as a secure base from which to explore the environment.	B. Social and Emotional Development 5. Attachment: Children form an attachment to a primary caregiver. 6. Relationships with adults: Children build relationships with other adults.
Older Toddler:	16.2.OT.A Develop relationships that extend beyond trusted adults.	B. Social and Emotional Development 5. Attachment: Children form an attachment to a primary caregiver. 6. Relationships with adults: Children build relationships with other adults.

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	<i>Social and Emotional Development CONT</i>	
	B. Diversity	
	Infants and toddlers will recognize there are similarities and differences between self and others.	
Infant:	16.2. I.B Notice differences in others.	B. Social and Emotional Development 4. Distinguishing self and others: Children distinguish themselves from others. E. Cognitive Development 24. Exploring same and different: Children explore and notice how things are the same or different.
Young Toddler	16.2. YT. B Recognize similarities and differences between self and others.	B. Social and Emotional Development 4. Distinguishing self and others: Children distinguish themselves from others. E. Cognitive Development 24. Exploring same and different: Children explore and notice how things are the same or different.
Older Toddler:	16.2. OT.B Communicate about similarities and differences between self and others.	B. Social and Emotional Development 4. Distinguishing self and others: Children distinguish themselves from others. E. Cognitive Development 24. Exploring same and different: Children explore and notice how things are the same or different.
	C. Communication	
	Infants and toddlers will engage in reciprocal conversations.	
Infant:	16.2.I.C Use sounds and gestures as a form of reciprocal communication.	D. Communication, Language, and Literacy 16. Listening and responding: Children listen and respond. 17. Nonverbal communication: Children communicate nonverbally. 18. Two-way communication: Children participate in two-way communication.

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	<i>Social and Emotional Development CONT</i>	
	C. Communication, CONT	
	Infants and toddlers will engage in reciprocal conversations. CONT	
Young Toddler	16.2.YT.C Use sounds, gestures and words as a form of reciprocal communication.	D. Communication, Language, and Literacy 16. Listening and responding: Children listen and respond. 17. Nonverbal communication: Children communicate nonverbally. 18. Two-way communication: Children participate in two-way communication.
Older Toddler:	16.2.OT.C Engage in reciprocal conversations and interactions with peers and adults.	D. Communication, Language, and Literacy 16. Listening and responding: Children listen and respond. 18. Two-way communication: Children participate in two-way communication.
	D. Managing Interpersonal Conflicts	
	Infants and toddlers will demonstrate an increased ability to communicate about and seek help for interpersonal conflicts.	
Infant:	16.2.I. D Express emotion relating to a conflict.	A. Approaches to Learning 2. Problem solving: Children solve problems encountered in exploration and play. B. Social and Emotional Development 8. Emotions: Children express emotions.
Young Toddler	16.2. YT. D. Express emotion relating to a conflict.	A. Approaches to Learning 2. Problem solving: Children solve problems encountered in exploration and play. B. Social and Emotional Development 8. Emotions: Children express emotions.
Older Toddler:	16.2. OT.D. Communicate about a conflict and seek help to solve.	A. Approaches to Learning 2. Problem solving: Children solve problems encountered in exploration and play. B. Social and Emotional Development 8. Emotions: Children express emotions.

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	<i>Social and Emotional Development CONT</i>	
	E. Support: Asking for Help	
	Infants and toddlers will utilize relationships with trusted adults and peers to meet needs.	
Infant:	16.2. I.E Indicate needs through vocalizations and body movements.	D. Communication, Language, and Literacy 19. Speaking: Children speak.
Young Toddler	16.2.Y.T. E Communicate needs.	D. Communication, Language, and Literacy 19. Speaking: Children speak.
Older Toddler:	16.2.O.T. E Ask for help when needed.	D. Communication, Language, and Literacy 19. Speaking: Children speak.
	16.3 Decision Making & Responsibility	
	A. Decision Making Skills	
	Infants and toddlers will recognize that choices have consequences.	
Infant:	16.3.I.A Demonstrate preference for specific objects and people.	A. Approaches to Learning 1. Initiative: Children express initiative. B. Social and Emotional Development 5. Attachment: Children form an attachment to a primary caregiver.
Young Toddler	16.3.YT.A Make simple choices.	A. Approaches to Learning 1. Initiative: Children express initiative.
Older Toddler:	16.3.OT.A Recognize the consequences of choices.	A. Approaches to Learning 1. Initiative: Children express initiative.
	B. Understanding Social Norms (Social Identity)	
	Infants and toddlers will demonstrate an increased understanding of socially acceptable behaviors.	
Infant:	16.3.I.B Respond to adult guidance about behavior.	

Pennsylvania Early Learning Standards

Key Developmental Indicators (KDIs)

	<i>Social and Emotional Development CONT</i>	
	B. Understanding Social Norms (Social Identity), CONT	
	Infants and toddlers will demonstrate an increased understanding of socially acceptable behaviors. CONT	
Young Toddler	16.3.YT.B Demonstrate basic understanding of rules.	
Older Toddler:	16.3.OT.B Follow basic rules.	
	C. Responsible Active Engagement: Empathy	
	Infants and toddlers will demonstrate an increased ability to recognize and respond to the emotional expressions of others.	
Infant:	16.3.I.C React to others' expressions of emotion.	B. Social and Emotional Development 9. Empathy: Children show empathy toward the feelings and needs of others.
Young Toddler	16.3.YT.C Engage in empathy and compassion in some situations.	B. Social and Emotional Development 9. Empathy: Children show empathy toward the feelings and needs of others.
Older Toddler:	16.3.OT.C Demonstrate empathy and compassion for others.	B. Social and Emotional Development 9. Empathy: Children show empathy toward the feelings and needs of others.

References

- Office of Child Development and Early Learning, Pennsylvania Department of Human Services, Pennsylvania Department of Education.
Pennsylvania Infant-Toddler Learning Standards for Early Childhood. Harrisburg, Pennsylvania: Author.
<https://www.pakeys.org/uploadedContent/Docs/Career%20Development/2014%20Pennsylvania%20Learning%20Standards%20for%20Early%20Childhood%20Infants%20Toddlers.pdf>
- Epstein, A. S., Marshall, B., & Gainsley, S. (2014). *COR Advantage 1.5: Scoring guide*. Ypsilanti, MI: HighScope Press.
- Epstein, A. S., Marshall, B., Gainsley, S., Red-e Set Grow, Albro, C., Claxton, J., ... Smith, E. V. (2014). *COR Advantage 1.5* [Computerized assessment system]. Online at <http://www.coradvantage.org>.