



THE HIGHSCOPE
**preschool
curriculum**

AND

COR *Advantage*[®]

Colorado Academic Standards
for Preschool

ALIGNMENT



**Alignment of The HighScope Curriculum and COR Advantage
With
Colorado Academic Standards for Preschool**

This document aligns the content in the **Colorado Academic Standards for Preschool** with the learning objectives of the **HighScope Curriculum** for preschool and the developmental milestones of HighScope's child assessment tool, **COR Advantage**.

Based on more than 50 years of research on early childhood development, **The HighScope Preschool Curriculum** is built on 58 Key Developmental Indicators (KDIs). Each KDI identifies an important learning objective proven to pave the way for school and adult success. Uniquely designed to provide a rich academic foundation for children of diverse backgrounds and abilities, The HighScope Curriculum includes effective adult-child interaction strategies to help educators appropriately support and extend children's development and learning across each curriculum content area.

COR Advantage is an observation-based child assessment tool designed to measure children's growth and development from birth through kindergarten. Built on 36 developmental milestones that best prepare children for school success, COR Advantage is criterion-referenced, research-based, and proven valid and reliable through validation studies.

References

Colorado Academic Standards for Preschool content was retrieved on July 27, 2020 from <https://www.cde.state.co.us/standardsandinstruction/standards>

HighScope Educational Research Foundation. (2013). *COR Advantage*. Ypsilanti, MI: HighScope Press.

HighScope Educational Research Foundation. (2018). *COR Advantage* [Computerized assessment system]. Online at <https://www.coradvantage.com>

HighScope Educational Research Foundation. (2012). *The HighScope Preschool Curriculum*. Ypsilanti, MI: HighScope Press.

Colorado Academic Standards for Preschool

COR Advantage Items

Key Development Indicators (KDIs) — Preschool

DANCE		
Standard 1. Movement, Technique, and Performance		
1. Demonstrate simple phrases of movement safely in time and space.	I. Gross-motor skills Z. Movement	16. Reflection 42. Movement
Standard 2. Create, Compose, and Choreograph		
1. Explore simple ideas and stories through movement.	Z. Movement	42. Movement
Standard 3. Historical and Cultural Context		
1. Begin to recognize dances in relation to cultures represented by the people in their daily surroundings.	FF. Knowledge of self and others	42. Movement 44. Appreciating the arts 53. Diversity
Standard 4. Reflect, Connect, and Respond		
1. Observe and identify different dance genres.	Z. Movement	42. Movement 44. Appreciating the arts
2. Attentively observe a dance performance.	Z. Movement	3. Engagement 44. Appreciating the arts
DRAMA AND THEATRE ARTS		
Standard 1. Create		
1. Generate and conceptualize artistic ideas and work.	AA. Pretend play	43. Pretend play
2. Organize and develop artistic ideas and work.	AA. Pretend play	43. Pretend play
3. Refine and complete artistic work.	AA. Pretend play	43. Pretend play
4. Synthesize and relate knowledge and personal experience to make art.	AA. Pretend play	43. Pretend play

Colorado Academic Standards for Preschool

COR Advantage Items

Key Development Indicators (KDIs) — Preschool

Standard 2. Perform		
1. Select, analyze, and interpret artistic work for presentation.	AA. Pretend play	43. Pretend play
2. Develop and refine artistic techniques, choices and work for presentation.	AA. Pretend play	43. Pretend play
3. Convey meaning through the presentation of artistic work.	AA. Pretend play	43. Pretend play
Standard 3. Critically Respond		
1. Perceive and analyze artistic work.	C. Reflection AA. Pretend play	6. Reflection 44. Appreciating the arts
2. Interpret intent and meaning in artistic work.	M. Listening and comprehension AA. Pretend play	21. Comprehension 44. Appreciating the arts
3. Apply criteria to evaluate artistic work.	AA. Pretend play	44. Appreciating the arts
4. Relate artistic ideas and works with societal, cultural and historical context to deepen understanding.	AA. Pretend play FF. Knowledge of self and others HH. History	44. Appreciating the arts 53. Diversity 57. History
MUSIC		
Standard 1. Expression of Music		
1. Perform expressively.	Y. Music	41. Music
2. Respond to rhythmic patterns and elements of music using expressive movement.	Y. Music Z. Movement	41. Music 42. Movement
3. Apply teacher feedback to demonstrate appropriate processes when singing, playing, and moving.	Y. Music	5. Use of resources 41. Music

Colorado Academic Standards for Preschool

COR Advantage Items

Key Development Indicators (KDIs) — Preschool

Standard 2. Creation of Music		
1. Improvise movement and sound responses to music.	Y. Music Z. Movement	42. Movement 43. Pretend play
Standard 3. Theory of Music		
1. Describe and respond to musical elements.	Y. Music Z. Movement	41. Music 44. Appreciating the arts
2. Recognize a wide variety of sounds and sound sources.	Y. Music Z. Movement	41. Music 42. Movement
Standard 4. Aesthetic Valuation of Music		
1. Show musical preference for style or song.	Y. Music Z. Movement	41. Music 42. Movement 44. Appreciating the arts
2. Recognize music in daily life.	Y. Music	41. Music
VISUAL ARTS		
Standard 1. Observe and Learn to Comprehend		
1. Identify art in daily surroundings.	X. Art	40. Art 44. Appreciating the arts
Standard 2. Envision and Critique to Reflect		
1. Know that works of art can represent people, places and things.	X. Art	40. Art 44. Appreciating the arts
Standard 3. Invent and Discover to Create		
1. Create works of art based on personal relevance.	X. Art	40. Art

Colorado Academic Standards for Preschool

COR Advantage Items

Key Development Indicators (KDIs) — Preschool

Standard 4. Relate and Connect to Transfer		
1. Understand that artists have an important role in communities.	X. Art FF. Knowledge of self and others	40. Art 44. Appreciating the arts 54. Community roles
COMPREHENSIVE HEALTH		
Standard 2. Physical and Personal Wellness		
1. Distinguish between healthy and unhealthy foods.	K. Personal care and healthy behavior	20. Healthy behavior
2. Develop self-management skills and personal hygiene skills to promote healthy habit.	K. Personal care and healthy behavior	19. Personal care 20. Healthy behavior
Standard 3. Social and Emotional Wellness		
1. Children develop healthy relationships and interactions with adults and peers.	D. Emotions E. Building relationships with adults F. Building relationships with other children G. Community H. Conflict resolution	9. Emotions 10. Empathy 11. Community 12. Building relationships 15. Conflict resolution
2. Children develop self-concept and self-efficacy skills.	A. Initiative and planning K. Personal care and healthy behavior FF. Knowledge of self and others	1. Initiative 7. Self-identity 8. Sense of competence
3. Children develop self-regulation skills.	D. Emotions G. Community	3. Engagement 9. Emotions 11. Community
4. Children develop a healthy range of emotional expressions and learn positive alternatives to aggressive or isolating behaviors.	D. Emotions	9. Emotions

Colorado Academic Standards for Preschool

COR Advantage Items

Key Development Indicators (KDIs) — Preschool

Standard 4. Prevention and Risk Management		
1. Identify ways to be safe while at play.	G. Community K. Personal care and healthy behavior	11. Community 20. Building relationships
2. Identify the importance of respecting the personal space and boundaries of self and others.	E. Building relationships with adults F. Building relationships with other children G. Community	11. Community 12. Building relationships
PHYSICAL EDUCATION		
Standard 1. Movement Competence and Understanding		
1. Travel in a variety of directions using basic locomotor skills and demonstrate understanding of personal and general space.	I. Gross-motor skills Z. Movement	16. Reflection 18. Body awareness 42. Movement
Standard 2. Physical and Personal Wellness		
1. Recognize the positive feelings experienced during and after physical activity.	I. Gross-motor skills K. Personal care and healthy behavior	16. Reflection 20. Healthy behavior
Standard 3. Social Emotional Wellness		
1. Demonstrate understanding of positive social interaction with teachers and peers.	G. Community K. Personal care and healthy behavior	11. Community 20. Healthy behavior
Standard 4. Prevention and Risk Management		
1. Understand basic safety rules and principles.	G. Community K. Personal care and healthy behavior	11. Community 20. Healthy behavior

Colorado Academic Standards for Preschool

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MATHEMATICS		
Standard 1. Number and Quantity		
P.CC.A. Counting & Cardinality: Know number names and the count sequence.	S. Number and counting	32. Counting
P.CC.B. Counting & Cardinality: Recognize the number of objects in a small set.	S. Number and counting	32. Counting
P.CC.C. Counting & Cardinality: Understand the relationship between numbers and quantities.	S. Number and counting	31. Number words and symbols 32. Counting
P.CC.D. Counting & Cardinality: Compare numbers.	S. Number and counting	31. Number words and symbols 32. Counting
P.CC.E. Counting & Cardinality: Associate a quantity with written numerals up to 5 and begin to write numbers.	R. Writing S. Number and counting	31. Number words and symbols
Standard 2. Algebra and Functions		
P.OA.A. Operations & Algebraic Thinking: Understand addition as adding to and understand subtraction as taking away from.	S. Number and counting	32. Counting
P.OA.B. Operations & Algebraic Thinking: Understand simple patterns.	V. Patterns	38. Patterns
Standard 3. Data, Statistics, and Probability		
P.MD.A. Measurement & Data: Measure objects by their various attributes using standard and nonstandard measurement and use differences in attributes to make comparisons.	U. Measurement	36. Reflection 37. Unit

Colorado Academic Standards for Preschool

COR Advantage Items

Key Development Indicators (KDIs) — Preschool

Standard 4. Geometry		
P.G.A. Geometry: Identify, describe, compare, and compose shapes.	T. Geometry: Shapes and spatial awareness	34. Shapes
P.G.B. Geometry: Explore the positions of objects in space.	T. Geometry: Shapes and spatial awareness	35. Spatial awareness
READING, WRITING, AND COMMUNICATING		
Standard 1. Oral Expression and Listening		
1. Children comprehend and understand the English language (Receptive Language).	M. Listening and comprehension II. Listening to and understanding English	21. Comprehension 23. Vocabulary 30. English language learning
2. Children use language to convey thoughts and feelings (Expressive Language).	E. Building relationships with adults L. Speaking JJ. Speaking English	12. Building relationships 22. Speaking 23. Vocabulary 30. English language learning
Standard 2. Reading for All Purposes		
1. Children understand and obtain meaning from stories and information from books and other texts.	M. Listening and comprehension Q. Book enjoyment and knowledge	21. Comprehension 26. Reading 28. Book knowledge
2. Phonological awareness is the building block for understanding language.	N. Phonological awareness	24. Phonological awareness
3. Print concepts and conventions anchor concepts of early decoding.	P. Reading	26. Reading 27. Concepts about print
4. The names and sounds associated with letters makes up alphabetic knowledge.	O. Alphabetic knowledge	25. Alphabetic knowledge

Colorado Academic Standards for Preschool

COR Advantage Items

Key Development Indicators (KDIs) — Preschool

Standard 3. Writing and Composition		
1. Familiarity with writing implements, conventions, and emerging skills to communicate through written representations, symbols, and letters.	J. Fine-motor skills R. Writing X. Art	17. Fine-motor skills 27. Concepts about print 29. Writing 40. Art
Standard 4. Research Inquiry and Design		
1. Begin research by asking a question to identify and define a problem and its possible solutions.	M. Listening and comprehension	5. Use of resources 21. Comprehension 22. Speaking
SCIENCE		
Standard 1. Physical Science		
1. Recognize that physical properties of objects and/or materials help us understand the world.	W. Data analysis BB. Observing and classifying CC. Experimenting, predicting, and drawing conclusions DD. Natural and physical world	39. Data analysis 45. Observing 48. Predicting. 49. Drawing conclusions 50. Communicating ideas 51. Natural and physical world
2. Recognize there are cause - and - effect relationships related to matter and energy.	BB. Observing and classifying CC. Experimenting, predicting, and drawing conclusions	45. Observing 46. Classifying 47. Experimenting 49. Drawing conclusions 50. Communicating ideas 51. Natural and physical world

Colorado Academic Standards for Preschool

COR Advantage Items

Key Development Indicators (KDIs) — Preschool

Standard 2. Life Science		
1. Recognize that living things have unique characteristics and basic needs that can be observed and studied.	W. Data analysis DD. Natural and physical world	39. Data analysis 45. Observing 50. Communicating ideas 51. Natural and physical world
2. Recognize that living things develop in predictable patterns.	W. Data analysis DD. Natural and physical world	39. Data analysis 50. Communicating ideas 51. Natural and physical world
Standard 3. Earth and Space Science		
1. The acquisition of concepts and facts related to the Earth materials and their uses.	W. Data analysis BB. Observing and classifying CC. Experimenting, predicting, and drawing conclusions DD. Natural and physical world	39. Data analysis 45. Observing 47. Experimenting 48. Predicting 49. Drawing conclusions 50. Communicating ideas 51. Natural and physical world
2. The acquisition of concepts and facts related to the natural and physical world and the understanding of naturally occurring relationships.	W. Data analysis DD. Natural and physical world	39. Data analysis 45. Observing 46. Classifying 48. Predicting. 49. Drawing conclusions 50. Communicating ideas 51. Natural and physical world

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SOCIAL STUDIES		
Standard 1. History		
1. Recognize change and sequence over time.	C. Reflection HH. History	6. Reflection 57. History
Standard 2. Geography		
1. Develop spatial understanding, perspectives, and connections to the world	GG. Knowledge of self and others	56. Reflection
Standard 3. Economics		
1. Individuals have many wants and have to make choices.	G. Community FF. Knowledge of self and others	11. Community 54. Community roles 55. Decision making
2. Identify money and its purpose (PFL).	N/A	54. Community roles
Standard 4. Civics		
1. Understand one’s relationship to the family and community and respect differences in others.	FF. Knowledge of self and others	11. Community 53. Diversity 54. Community roles
2. Rules allow groups to work effectively.	G. Community FF. Knowledge of self and others	11. Community 55. Decision making
WORLD LANGUAGES		
Standard 1. Communication: Communicate effectively in more than one language in order to function in a variety of situations and for multiple purposes.		
1+ Communicate effectively in the target language using gestures, pointing or facial expressions to augment oral language.	FF. Knowledge of self and others II. Listening to and understanding English JJ. Speaking English	30. English language learning 53. Diversity

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Key Development Indicators (KDIs) — Preschool

Standard 2. Cultures/Intercultural Communication: Interact with cultural competence and understanding.		
2+ Develop cultural competence and understanding.	FF. Knowledge of self and others	53. Diversity
Standard 3. Connections: Connect with other disciplines and acquire information and diverse perspectives in order to use the language to function in academic and career-related situations.		
3+ Connect with other content areas in order to build academic awareness through experiences in the target language.	FF. Knowledge of self and others II. Listening to and understanding English JJ. Speaking English	30. English language learning 53. Diversity
Standard 4. Comparisons: Develop insight into the nature of language and culture in order to interact with cultural competence.		
4+ Develop insight into the nature of language and culture in order to develop cultural competence.	FF. Knowledge of self and others	53. Diversity