

# Alignment of the Early Childhood Foundations to the Indiana Academic Standards for Young Children from Birth to Age 5 with the Preschool Child Observation Record (COR), 2<sup>nd</sup> edition

The **Preschool Child Observation Record (COR), 2<sup>nd</sup> edition**, is an observation-based assessment instrument for children aged 2 ½–6 years developed by the High/Scope Educational Research Foundation. The COR is designed to measure children’s progress in all early childhood programs (including, but not limited to those using the High/Scope educational approach). It is divided into 6 major categories that are critical for school success: Initiative, Social Relations, Creative Representation, Movement and Music, Language and Literacy, and Mathematics and Science. Each of the categories contains between 3 and 8 items and each item has 5 developmental levels, ranging from 1 (the simplest) to 5 (the most complex). Teaching staff collect anecdotes for completing the COR during the normal daily routine, so the assessment process is seamlessly integrated with early childhood teaching and planning. The results provide detailed reports that analyze progress and are designed for various audiences from families to government monitors.

## Early Childhood Foundations to the Indiana Academic Standards

### ENGLISH/LANGUAGE ARTS

Indiana Early Childhood Foundation	Preschool COR
<b>F.1 - READING: Word Recognition, Fluency, and Vocabulary Development</b>	
<ul style="list-style-type: none"> <li><i>Concepts About Print</i>: F.1.1 – F.1.14</li> </ul>	<b>Language and Literacy</b> Q. Listening to and understanding speech U. Demonstrating knowledge about books V. Using letter names and sounds
<ul style="list-style-type: none"> <li><i>Phonological Awareness</i>: F.1.15 – F.1.23</li> </ul>	<b>Movement and Music</b> N. Feeling and expressing steady beat <b>Language and Literacy</b> T. Showing awareness of sounds in words V. Using letter names and sounds
<ul style="list-style-type: none"> <li><i>Decoding and Word Recognition</i>: F.1.24 – F.1.34</li> </ul>	<b>Language and Literacy</b> T. Showing awareness of sounds in words U. Demonstrating knowledge about books V. Using letter names and sounds
<ul style="list-style-type: none"> <li><i>Vocabulary and Concept Development</i>: F.1.35 – F.1.44</li> </ul>	<b>Creative Representation</b> K. Pretending <b>Language and Literacy</b> Q. Listening to and understanding speech R. Using vocabulary T. Showing awareness of sounds in words U. Demonstrating knowledge about books
<b>F.2 - READING: Reading Comprehension</b>	
<ul style="list-style-type: none"> <li><i>Structural Features of Informational and Technical Materials</i>: F.2.1 – F.2.8</li> </ul>	<b>Language and Literacy</b> Q. Listening to and understanding speech U. Demonstrating knowledge about books W. Reading
<b>F.3 - READING: Literary Response and Analysis</b>	
<ul style="list-style-type: none"> <li><i>Emergent Literacy with Appropriate Books and Stories</i>: F.3.1 – F.3.21</li> </ul>	<b>Language and Literacy</b> Q. Listening to and understanding speech U. Demonstrating knowledge about books W. Reading
<b>F.4 - WRITING: Writing Process</b>	
<ul style="list-style-type: none"> <li><i>Organization and Focus</i>: F.4.1 – F.4.12</li> </ul>	<b>Language and Literacy</b> W. Reading X. Writing
<b>F.5 - WRITING: Writing Application</b>	
<ul style="list-style-type: none"> <li><i>Different Types of Writing and Their Characteristics</i>: F.5.1 – F.5.10</li> </ul>	<b>Creative Representation</b> J. Drawing and painting pictures <b>Language and Literacy</b> U. Demonstrating knowledge about books X. Writing
<b>F.6 - WRITING: Writing Conventions</b>	
<ul style="list-style-type: none"> <li><i>Handwriting and Spelling</i>: F.6.1 – F.6.14</li> </ul>	<b>Language and Literacy</b> V. Using letter names and sounds X. Writing

**ENGLISH/LANGUAGE ARTS** *(con't.)*

Indiana Early Childhood Foundation	Preschool COR
<b>F.7 - LISTENING AND SPEAKING: Listening and Speaking Skills, Strategies, and Applications</b>	
<ul style="list-style-type: none"> <li><i>Comprehension: F.7.1 -- F.7.17</i></li> </ul>	<p><b>Language and Literacy</b>            Q. Listening to and understanding speech            R. Using vocabulary            S. Using complex patterns of speech  <b>Mathematics and Science</b>            AA. Comparing properties            EE. Identifying materials and properties</p>
<ul style="list-style-type: none"> <li><i>Oral Communication: F.7.18 – F.7.30</i></li> </ul>	<p><b>Language and Literacy</b>            Q. Listening to and understanding speech            R. Using vocabulary            T. Showing awareness of sounds in words            V. Using letter names and sounds</p>
<ul style="list-style-type: none"> <li><i>Speaking Applications: F.7.31 – F.7.41</i></li> </ul>	<p><b>Language and Literacy</b>            Q. Listening to and understanding speech            R. Using vocabulary            U. Demonstrating knowledge about books            V. Using letter names and sounds  <b>Mathematics and Science</b>            DD. Identifying sequence, change, and causality</p>

## MATHEMATICS

Indiana Early Childhood Foundation	Preschool COR
<b>F1 - NUMBER SENSE</b>	
<ul style="list-style-type: none"> <li><i>Number Relationships: F.1.1 – F.1.23</i></li> </ul>	<b>Movement and Music</b> P. Singing <b>Mathematics and Science</b> Y. Sorting objects BB. Counting
<b>F2 - COMPUTATION</b>	
<ul style="list-style-type: none"> <li><i>Counting, Sorting, Classifying, and Comparing Objects: F.2.1 – F.2.15</i></li> </ul>	<b>Mathematics and Science</b> Y. Sorting objects AA. Comparing properties BB. Counting
<b>F3 - ALGEBRA AND FUNCTIONS</b>	
<ul style="list-style-type: none"> <li><i>Finding Patterns and Relationships: F.3.1 – F.3.13</i></li> </ul>	<b>Mathematics and Science</b> Y. Sorting objects Z. Identifying patterns BB. Counting EE. Identifying materials and properties
<b>F4 - GEOMETRY</b>	
<ul style="list-style-type: none"> <li><i>Recognizing Common Geometric Shapes and Using Directional Words: F.4.1 – F.4.20</i></li> </ul>	<b>Creative Representation</b> J. Drawing and painting pictures <b>Mathematics and Science</b> CC. Identifying position and direction DD. Identifying sequence, change, and causality
<b>F5 - MEASUREMENT</b>	
<ul style="list-style-type: none"> <li><i>Time and Measurement Relationships: F.5.1 – F.5.21</i></li> </ul>	<b>Mathematics and Science</b> AA. Comparing properties CC. Identifying position and direction DD. Identifying sequence, change, and causality
<b>F6 - PROBLEM SOLVING</b>	
<ul style="list-style-type: none"> <li><i>Ability to Reason, Predict, And Problem Solve through Exploration: F.6.1 – F.6.20</i></li> </ul>	<b>Creative Representation</b> K. Pretending <b>Mathematics and Science</b> Y. Sorting objects Z. Identifying patterns BB. Counting

## SCIENCE

Indiana Early Childhood Foundation	Preschool COR
<b>F1 - THE NATURE OF SCIENCE AND TECHNOLOGY</b>	
<ul style="list-style-type: none"> <li><i>Scientific Inquiry and Process:</i> F.1.1 – F. 1.9</li> </ul>	<b>Mathematics and Science</b> EE. Identifying materials and properties FF. Identifying natural and living things
<b>F2 - SCIENTIFIC THINKING</b>	
<ul style="list-style-type: none"> <li><i>Computation and Estimation:</i> F.2.1 – F.2.6</li> </ul>	<b>Mathematics and Science</b> Y. Sorting objects AA. Comparing properties BB. Counting
<ul style="list-style-type: none"> <li><i>Shapes and Symbolic Relationships:</i> F.2.7 – F.2.10</li> </ul>	<b>Mathematics and Science</b> Z. Identifying patterns
<b>F3 - ENVIRONMENTS</b>	
<ul style="list-style-type: none"> <li><i>The Physical Setting:</i> F.3.1 – F.3.8</li> </ul>	<b>Mathematics and Science</b> EE. Identifying materials and properties FF. Identifying natural and living things
<ul style="list-style-type: none"> <li><i>The Living Environment:</i> F.3.9 – F.3.13</li> </ul>	<b>Mathematics and Science</b> Y. Sorting objects AA. Comparing properties FF. Identifying natural and living things
<b>F4 - COMMUNICATION</b>	
<ul style="list-style-type: none"> <li><i>Sharing Observations and Discoveries:</i> F.4.1 – F.4.7</li> </ul>	<b>Language and Literacy</b> R. Using vocabulary <b>Mathematics and Science</b> Y. Sorting objects AA. Comparing properties EE. Identifying materials and properties

## Social Studies

Indiana Early Childhood Foundation	Preschool COR
<b>F1 - HISTORY</b>	
<ul style="list-style-type: none"> <li><i>Chronological Thinking and Historical Knowledge: F.1.1 – F.1.12</i></li> </ul>	<b>Mathematics and Science</b> DD. Identifying sequence, change, and causality
<b>F2 - CIVICS AND GOVERNMENT</b>	
<ul style="list-style-type: none"> <li><i>Foundations and Functions of Government and Its Citizens: F.2.1 – F.2.18</i></li> </ul>	<b>Initiative</b> A. Making choices and plans C. Initiating play <b>Social Relations</b> E. Relating to adults F. Relating to other children G. Resolving interpersonal conflict H. Understanding and expressing feelings
<b>F3 - GEOGRAPHY</b>	
<ul style="list-style-type: none"> <li><i>Location (Spatial Awareness): F.3.1 – F.3.10</i></li> </ul>	<b>Mathematics and Science</b> CC. Identifying position and direction
<ul style="list-style-type: none"> <li><i>Places and Regions: F.3.11 – F.3.20</i></li> </ul>	<b>Creative Representation</b> J. Drawing and painting pictures <b>Language and Literacy</b> R. Using vocabulary <b>Mathematics and Science</b> AA. Comparing properties
<ul style="list-style-type: none"> <li><i>Physical Systems: F.3.21 – F.3.27</i></li> </ul>	<b>Language and Literacy</b> Q. Listening to and understanding speech R. Using vocabulary
<ul style="list-style-type: none"> <li><i>Human Systems: F.3.28 – F.3.33</i></li> </ul>	<b>Creative Representation</b> J. Drawing and painting pictures K. Pretending <b>Language and Literacy</b> Q. Listening to and understanding speech R. Using vocabulary <b>Mathematics and Science</b> AA. Comparing properties
<ul style="list-style-type: none"> <li><i>Environment and Society: F.3.34 – F.3.39</i></li> </ul>	<b>Mathematics and Science</b> EE. Identifying materials and properties FF. Identifying natural and living things
<b>F4 - ECONOMICS</b>	
<ul style="list-style-type: none"> <li><i>Economics: F.4.1 – F.4.7</i></li> </ul>	<b>Creative Representation</b> K. Pretending
<b>F5 - INDIVIDUALS, SOCIETY, and CULTURE</b>	
<ul style="list-style-type: none"> <li><i>Cultural Diversity: F.5.1 – F.5.9</i></li> </ul>	<b>Social Relations</b> E. Relating to adults F. Relating to other children <b>Language and Literacy</b> Q. Listening to and understanding speech <b>Mathematics and Science</b> AA. Comparing properties

## PHYSICAL EDUCATION AND HEALTH

Indiana Early Childhood Foundation	Preschool COR
<b>F1 - GROSS/FINE MOTOR AND SENSORY DEVELOPMENT</b>	
<ul style="list-style-type: none"> <li><i>Locomotor and Non-locomotor Skills: F.1.1 – F.1.4</i></li> </ul>	<b>Movement and Music</b> L. Moving in various ways M. Moving with objects O. Moving to music
<b>F2 - APPLICATION OF MOVEMENT CONCEPTS AND PRINCIPLES TO THE LEARNING AND DEVELOPMENT OF MOTOR SKILLS</b>	
<ul style="list-style-type: none"> <li><i>Identifying Movement Concepts and Applying to Motor Skills: F.2.1 – F.2.5</i></li> </ul>	<b>Initiative</b> B. Solving problems with materials C. Initiating play <b>Mathematics and Science</b> CC. Identifying position and direction
<b>F3 - ENJOYMENT OF MOTOR AND SENSORY EXPERIENCES</b>	
<ul style="list-style-type: none"> <li><i>Exhibiting Self-Confidence: F.3.1 – F.3.6</i></li> </ul>	<b>Social Relations</b> H. Understanding and expressing feelings <b>Movement and Music</b> L. Moving in various ways M. Moving with objects
<b>F4 - RESPONSIBLE PERSONAL HEALTH AND SAFETY PRACTICES</b>	
<ul style="list-style-type: none"> <li><i>Developing an Awareness of and Respect for a Healthy Lifestyle: F.4.1 – F.4.4</i></li> </ul>	<b>Initiative</b> D. Taking care of personal needs
<b>F5 - RESPECT FOR DIFFERENCES</b>	
<ul style="list-style-type: none"> <li><i>Using Positive Interpersonal Skills: F.5.1 – F.5.6</i></li> </ul>	<b>Initiative</b> C. Initiating play <b>Social Relations</b> G. Resolving interpersonal conflict H. Understanding and expressing feelings

## MUSIC

Indiana Early Childhood Foundation	Preschool COR
<b>F1 - MUSIC APPRECIATION</b>	
<ul style="list-style-type: none"> <li>Children Show Enjoyment of Music Through Facial Expressions, Vocalizations, and Various Movements: F.1.1 – F.1.7</li> </ul>	<b>Social Relations</b> H. Understanding and expressing feelings <b>Movement and Music</b> O. Moving to music P. Singing
<b>F2 - PARTICIPATION/EXPLORATION/PRODUCTION</b>	
<ul style="list-style-type: none"> <li>Children Produce Vocal/Instrumental Music and Rhythmic Movements Spontaneously and In Imitation: F.2.1 – F.2.8</li> </ul>	<b>Movement and Music</b> O. Moving to music P. Singing
<b>F3 - ANALYSIS</b>	
<ul style="list-style-type: none"> <li>Children Begin to Differentiate Variations in Tempo, Dynamics, and Types of Sounds Made by Different Classes of Instruments (Percussion, Wind, and String ): F.3.1 – F.3.5</li> </ul>	<b>Movement and Music</b> O. Moving to music

## Visual Arts

Indiana Early Childhood Foundation	Preschool COR
<b>F1 - ART APPRECIATION</b>	
<ul style="list-style-type: none"> <li>Begins To Understand and Share Opinions About Artwork and Artistic Experiences (Their Own or Others): F.1.1 – F.1.8</li> </ul>	<b>Social Relations</b> H. Understanding and expressing feelings <b>Creative Representation</b> I. Making and building models J. Drawing and painting pictures K. Pretending
<b>F.2 - CREATING ART: PROCESS AND PRODUCT</b>	
<ul style="list-style-type: none"> <li>Expresses Personal Interests, Ideas, and Feelings Through Art: F.2.1 – F.2.8</li> </ul>	<b>Creative Representation</b> J. Drawing and painting pictures K. Pretending
<ul style="list-style-type: none"> <li>Uses Symbols, Elements Such As Shape, Line, Color, and Texture and Principles Such As Repetition In Art Experiences: F.2.9 – F.2.15</li> </ul>	<b>Creative Representation</b> J. Drawing and painting pictures K. Pretending
<ul style="list-style-type: none"> <li>Uses Different Art Media and Materials In a Variety Of Ways For Creative Expression, Exploration, and Sensory Experience: F.2.16 – F.2.19</li> </ul>	<b>Creative Representation</b> I. Making and building models J. Drawing and painting pictures
<b>F3 - CAREERS AND COMMUNITY</b>	
<ul style="list-style-type: none"> <li>Experiences Art-Related Professionals Through Field Trips, Visiting Artists, and Museums</li> </ul>	<b>Social Relations</b> E. Relating to adults <b>Language and Literacy</b> Q. Listening to and understanding speech
<ul style="list-style-type: none"> <li>Makes Connections Between Art and Other Curriculum Areas: F.3.7 – F.3.13</li> </ul>	<b>Mathematics and Science</b> Y. Sorting objects Z. Identifying patterns AA. Comparing properties