



PreK Science Overview

In an effort to align Preschool programming across Noblesville School District, we have adopted [The Project Approach](#) for all Learners. This approach allows learning to be an adventure and a process that leads to authentic knowledge in content areas such as math, literacy, and social studies. Learning is not limited to the project but becomes a way for children to examine the world in which they live. Through The Project Approach, children will gain generalizable skills that will help them to continue to learn about other topics.

The goals of The Project Approach are:

1. To empower children to become curious, purposeful, thoughtful, collaborative learners within the context of studying a project and representing their findings.
2. To provide flexibility in the ways information is presented to children; supporting accommodations that promote engagement by ALL children, ultimately supporting the success of all children.
3. To be a versatile teaching and learning approach that can be “woven into the fabric of the daily schedule” and supplement curriculum and Early Learning Foundations.
4. To be consistent with the precepts of early learning and to create a community of children working together to explore the project and engage in shared discussion, problem-solving, and collaboration.
5. Help teachers to develop new insights about their role and to strengthen their disposition to be flexible and responsive to children’s ideas and interests.



This approach to teaching and learning allows each Preschool classroom community to concentrate on the topics that interest their specific cohort while continuing to align [Indiana's Early Learning Foundations](#) across the program at large.

*** (From The Project Approach for all Learners by Sallee J. Beneke, Michaelene M. Ostrosky & Lilian G. Katz)*

SCIENCE

PreK



The [Indiana's Early Learning Foundations](#) serve as the foundation to our curriculum for PreK in Noblesville Schools. As stated above, individual classrooms may choose which topics to concentrate on from the list below.

Table 1: Prek Science topics of study

Possible Topics of Study		
<ul style="list-style-type: none"> • Being a Scientist • Colors and Color Mixing • Magnets • Pumpkins • Building • Force and Motion • Pet Fish • Nocturnal Animals • Gingerbread 5 Senses • Animals in Winter 	<ul style="list-style-type: none"> • Plants • Weather • 5 Senses • Space, Sun & Moon • Rocks • Ice and Snow • My Body and Teeth • Simple Machines • Animals 	<ul style="list-style-type: none"> • Insects • Apples • Butterflies • Shells • Leaves and Trees • Trash and Recycling • Ramps • Ponds and Frogs • Habitats