

### AWorld In Motion®



AWIM PreK exposes children to basic earth and space science, physical and life science, and engineering concepts through play and discovery. | sae.org/prek

# **Program Highlights**

Each AWIM PreK classroom kit includes materials for hands-on STEM explorations, STEM-inspired children's books, a teacher's manual, and science notebooks for children.

- Aligns with preschool curriculum models including HighScope, Reggio Emilia, and Montessori
- Builds on children's natural interest in play and scientific curiosity to make sense of their world
- Integrates children's books and uses science as a context for language and literacy development
- Draws on major theories of child development
- Extends explorations with home connections and classroom activities

# **AWIM Preschool Explorations Framework**

Each hands-on STEM activity includes three phases focused on inquiry skills and practices:





Compare experiences, generate ideas, draw conclusions, raise new questions

66

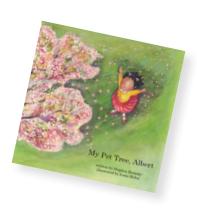
My daughter [4 years old] is learning about people and animals and she is communicating better, using bigger words. She is noticing that animals communicate in different ways. My baby is digging in the garden and taking care of snails. I love that she is having such great experiences in school.



## **We Explore Weather**

Students are introduced to basic earth and space science concepts and have multiple opportunities to use their senses to:

- Explore weather patterns and relationships by observing, measuring, and recording data about the sky, rain, wind, and temperature
- Read a book about a girl who gets dressed to be prepared for any kind of weather
- Create a classroom Big Book of Weather



#### **We Explore Living Things**

Students are introduced to key life science concepts and have opportunities to observe and make connections as they:

- Explore similarities and differences between living things and investigate how different plants and animals thrive
- Read a story about a girl who proves her pet tree is a living thing just like her friends' animal pets
- **Create** a temporary indoor home for a small animal or insect and a classroom Living Things Mural



### **We Explore Homes and Habitats**

Students are introduced to key life science concepts and have multiple opportunities to reflect as they:

- **Explore** different living things and the indoor and outdoor environments that meet their basic needs
- Read a story about different animals making a case for why their home is the best
- **Create** a space for a visiting pet and its owner and an indoor habitat for a minibeast (worm, snail, spider, insect)



#### We Explore Building

Students are introduced to key physical science and engineering concepts and have multiple opportunities to collaborate and reflect as they:

- Explore physical properties and characteristics of a variety of building materials and structures
- Read a story about a family that builds a comfortable home for bats
- Create drawings, models, towers, bridges, and other structures and share new knowledge at an Engineering Open House for their families



The unit guides were detailed and easy to understand. I liked how it summarized key science concepts in a way that someone who is not familiar with STEM would understand and be able to implement into the classroom.

- Pilot Test Teacher

This program is supported by:



Want to learn more or bring AWIM® Preschool Explorations to your classroom?

Contact Elizabeth.Simon@sae.org