



Kide Science and the 5E Instructional Model

Kide Science is a playful inquiry pedagogy backed by research from the University of Helsinki, Finland. This supplemental early childhood curriculum is grounded in STEAM education. Aligned with the 5E learning model, Kide Science uses play and storytelling to make the 5E model more natural for young learners.

Find out below how Kide Science's playful inquiry embraces the 5E learning model!

ENGAGE

Kide Science uses captivating stories to spark curiosity and emotionally connect them to the scientific concepts they'll explore. Children become "little scientists" drawn into the story, setting the stage for the scientific task.

EXPLORE

This is where play takes center stage. Children engage in open-ended, child-led activities to solve the problem presented in the story. They freely explore solutions while practicing science process skills.

EXPLAIN

In our lessons, the teacher facilitates discussions, helping children articulate their discoveries and findings. This stage focuses on using language to explain what they've observed and draw conclusions.

ELABORATE

After the initial explanation, playtime continues! Children can freely explore the scientific phenomenon further, solidifying their understanding. This play allows them to experiment, ask questions, and deepen their knowledge.

EVALUATE

Children reflect on their learning by describing their observations and lingering questions. They might write letters to characters in the story or share their findings with the class. This stage encourages communication and helps solidify connections between new knowledge and existing ideas.

