

What Scientific Exploration Looks Like in Our Preschool Classrooms

Soda bottle geysers and volcanoes made from baking soda and vinegar might be just some of the things that come to mind when you think about science education for young children. It's important to note that even simpler activities and everyday experiences can introduce children to scientific concepts and help them gain an understanding of how things work.

Science also helps children to develop important life skills, such as communication, collaboration, perseverance, analytical reasoning, and most importantly, a sense of wonder. We believe science education is critical in the preschool years, and we do so by tapping into children's natural curiosities to explore the world around them.

Below are ways we foster this in each of our classrooms.



Primary (age 3-6 years)

Students in our Pre-K classrooms love learning about different animals and their life cycles. After reading related books, students use playdough, paper, and writing utensils to create a 3-D representation of the life cycle of their choosing. They label the different stages and share their unique models with their classmates. Afterward, they write about the life cycle in their science journal.