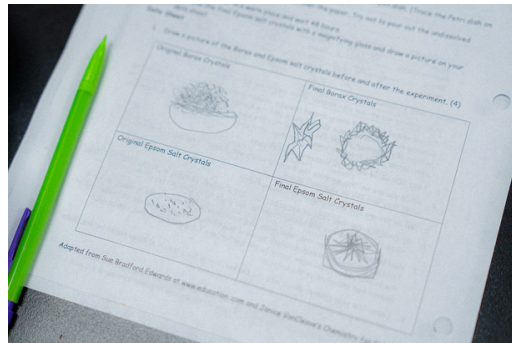
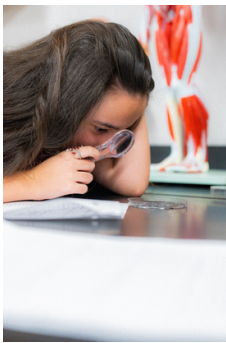


# 6TH GRADE CRYSTAL FORMATION

## Exploring the World of Minerals

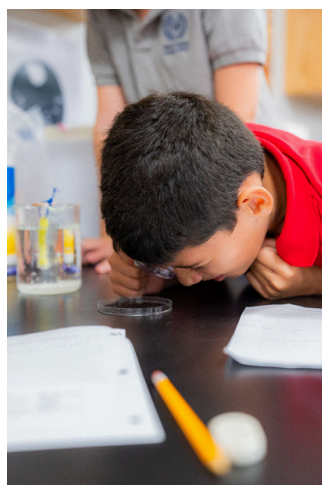
Our sixth graders are diving into the fascinating world of minerals, and their excitement is palpable! After learning about what defines a mineral, the students embarked on hands-on experiments to see these scientific principles in action. Using borax and Epsom salt, they dissolved these substances in water to grow their own crystals—an activity that brought the abstract concepts of mineral formation to life.



## Understanding Minerals Through Experimentation

This project helped the students deepen their understanding of the unique and shared characteristics of minerals. By carefully observing their fully-formed crystals, they explored properties like crystal structure, composition, and formation. As they analyzed the results, they began to grasp how minerals are formed naturally in the environment, applying the lessons learned in class to their experiments.

"A mineral is a naturally occurring solid that can form by inorganic processes, has a crystal structure, and a definite chemical composition," explained Natalie, summarizing her new knowledge.





## Hands-On Learning Sparks Curiosity

The excitement of growing crystals wasn't just about science—it was about discovery. Watching the transformation of water into solid crystals sparked curiosity and wonder among the students, as they marveled at the results of their experiments.



This experiment not only reinforced scientific concepts but also fostered a sense of awe about the natural world and its intricate processes. With crystals in hand and knowledge in mind, our sixth graders are continuing their journey into the world of minerals, eager for the next discovery that awaits.

"It is mind-boggling how water turned into crystals on a pipe cleaner. I am amazed!" exclaimed Harrison, echoing the enthusiasm of the entire class.

