



# Meadow Oaks Academy

## STEMS Newsletter - January 2021

STEM Instructor Micah Smith

Meadow Oaks Academy  
PRE-K STEM Newsletter: January 2021  
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An inquiry approach to **STEM** education invites young children to be scientists, engaging curiosity and building skills and knowledge.

### WHAT DID WE DO IN DECEMBER?

For December we created a Salt Volcano and Lava Lamp. We learned about and discussed weather change. We discovered how a Balloon Hovercraft and Balloon Helicopter work with the power of electricity as well as a Plasma Ball that students touched. Half of the month we experienced many Holiday themed Science Experiments such as Melting Peppermint Rounds, Snowflake Melt, and Shaving Cream. We painted with ice and saw what happened! Engineering a Snowman Wreath, Holiday Necklace, and Ornaments was terrific.

### OUR PLANNED LESSONS FOR JANUARY



January will be packed full of tons of amazing Winter Themed Science! We will explore the Arctic by learning about climate, animals, habitats, and animal tracks. Experiments include Snowstorm In A Jar, Melting Winter Cubes, Ice Salt Melt, Instant Snow, and Frosty's Bubbles. We will find out the difference between snow and ice. Engineering will be super fun when we make Snowball Launchers, Icicles, Igloos, and Snow Slides. Get ready for Winter wonder!



*\*Check out our school's Pinterest page for awesome pictures showing what we're experiencing! Search for "Meadow Oaks Academy Preschool."*

