

Welcome
To
Ms. Barragan's
Science Lab



**Hello SFX
Families,**

Welcome to the science lab! The first month of school is flying by and we've already explored so much! In the next few slides I will go over our first unit of study, a quick lab tour, where to locate information and how to contact me with any questions. Enjoy!



STEAM Zone



Rock Exhibit



Reading nook and Space zone



Table Tools



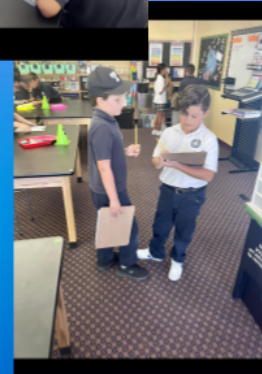
Student Work Wall of Fame



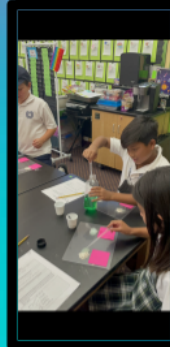
Outdoor Workspace



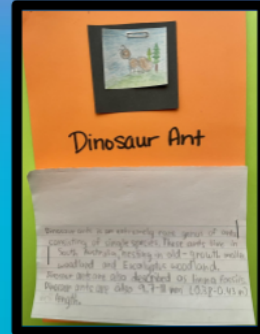
This month really focused on **thinking like a scientist** across all grades. **Middle School** explored the main branches in science, theory vs. law, types of models, and scientific inquiry methods. All classes completed a scavenger hunt to learn and locate the areas and features of our classroom, learn about Ms. Barragan in a true/false challenge, and learn about their classmates through a survey.



Grade 4 learned about the invention of the cookie, explored the scientific method steps, learned about geologists who study volcanoes, the element chlorine and its link to aggressive volcanic eruptions. Then we helped Olivia the baker problem solve her way through a recipe by identifying baking soda through it's properties of matter. Captured gas made from a chemical reaction in a balloon, and observed different types of cookies using lab tools to measure.



Grade 5 focused their attention on Tim Laman's research on forest trees like the Aspen with an incredible shared root system, completed a research project exploring different types of ants and their characteristics, reviewed photosynthesis and scientific method. Chlorine the element that was used in WW1, the reason for the invention of the gas mask, and clean tap water was our focus this week . We practiced using venn diagrams as we compared Mary Anning fossil hunter and Galileo's need for discovery in our mystery science lesson.



Contact Information

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Grades

Updated regularly on **Gradelink**.

All graded work is stored in a **green science folder** given in class and put together in a portfolio if you would like your child to access graded work to revise any material, have them request the folder to take home and work on and return the following class.

Google Classroom

Students should all be logged in to google classroom, **know their password and email access**, in the event that material needs to be shared in a digital format to save trees =) or to upload presentations. **Login information for each grade level is on next slide.**

Only students need to sign in.

Any Questions?



GRADE 4

<https://classroom.google.com/c/NTM5NDc3Njk2MTQw?cjc=uj5t7k5>

GRADE 5

<https://classroom.google.com/c/NTM5NDc4NTY4NjEz?cjc=dihdgsx>

GRADE 6

<https://classroom.google.com/c/NTM5NDc3Njk1NzEw?cjc=jkdfcdz>

GRADE 7

<https://classroom.google.com/c/NDk3ODE1NDUwNDc3?cjc=nxwjpab>

GRADE 8

<https://classroom.google.com/c/NTM5NDc5Mjl1NDc4?cjc=lbldl6f>

Resources used :

McGraw Hill Science Grade 5 Textbook

Exploring the Elements Book

McGraw Hill Science Grade 4 - A Closer Look- Textbook

Generation Genius Lessons Online Curriculum - NGSS Standards

Mystery Science Mini Lessons Online Curriculum- NGSS Standards

The Complete Middle School Guide - Everything You Need to Ace Science in one Big Fat Notebook - Book (notes guide, vocab, great visuals)