

CAMBRIDGE PARK ELEMENTARY SCHOOL

Welcome to STEAM Lab!



TO STEAM CLASSES!



ABOUT ME

Hello! I'm your STEAM teacher, Mrs. Wood and this is my family!

STEAM stands for, "Science / Technology / Engineering / Art / Math"

I like to say that STEAM is best practice Science.

During STEAM class, we will have a ton of fun asking questions, investigating, creating, working together, and making discoveries about our world!

About Me

CONTACT ME

Email:
awood@marsd.org

Do not hesitate to reach out. I look forward to partnering with you and your children!

Contact Me

LOOKOUT FOR...

- Curriculum information
- Trex recycling program information
- Science activity ideas for home



Lookout For

Welcome to the STEAM Lab!

Dear Parents/Caretakers,
Here's a little overview of what the STEAM Program looks like at Cambridge Park:

Program Summary

Class Meetings

- PreK: 1 OR 2 times per week
- K: 1 time per week

Meeting Length

- PreK: 40 minutes
- K: 40 minutes

Location

- Prek STEAM Special is held in your child's classroom



- Kindergarten STEAM Special is held in the Explorations Room

Lesson Structure

- During STEAM Lab, the children are involved in a hands-on activity that is aligned to the State Standards for Science at the PreK and Kindergarten levels.
- Engineering and design challenges will be presented to both Preschool and Kindergarten students.

Other Information

Teacher Collaboration

- I collaborate with classroom teachers to ensure all students are provided equal opportunities to experience all STEAM Lab lessons.

Home Partnership

- Without your support, STEAM Lab is impossible. Please be on the lookout for messages from me regarding how you can be involved in our learning!
- I'm here for you! Do not hesitate to contact me with any questions you may have. Thank you!

Sincerely,

Mrs. Wood

awood@marsd.org

STEAM Lab Scope and Sequence

Kindergarten			
MP 1	MP 2	MP 3	MP 4
Earth Systems Science	Physical Science	Earth Systems Science	Life Science
Sunlight / heat / shadows Weather tools Weather Phenomena	Forces and motion Speed and direction	Natural resources Human impact on the Earth Conservation	Characteristics of living things Life cycles Habitats
PreK			
Trimester 1	Trimester 2	Trimester 3	
Earth Science	Physical Science	Life Science	
Observing nature Climatic Changes Weather	States of Matter Changes in matter Light and heat Forces and motion	Characteristics of living things Life cycles Needs of living things Conservation	

PreK AND Kindergarten			
Nature of Science (skills of a scientist / engineer)	Technology	Math	Art and Engineering
Student led investigations			
Student devised questions	High tech: electronic devices (chromebooks, digital cameras, etc.)	Counting	
Collaboration as scientists (working together to solve a problem / answer questions)	Medium tech.: ruler, thermometer, kitchen timer	Measuring - standard and nonstandard	Observational drawings
Observing	Low tech: writing tools, trowels, nonstandard measuring tools, glue	Shapes	Engineering design challenges (creating something to solve a problem)
Flexible thinking (creative solutions / design improvement)		Graphs and Charts	
Communicating		Data collection and organization	

Note:

This curriculum projection is subject to adjustments according to the needs of the students and District Directives.



Kelly Bera

Kelly is using Smore to create beautiful newsletters