



An Update on the Creative Thinkers Lab
February 15, 2023

How Does the Creative Thinkers Lab Connect to Our Vision?

District Goal 1: Increase student engagement through the implementation of an inquiry approach to learning.

Benefits of Hands-On Learning:

- Students retain more because learning engages both sides of the brain, creating better connections to store more information.
- Improves attention because you are more alert and an active part of the learning process.
- Encourages teamwork and critical thinking.

Benefits of STEM approach:

- Fosters innovation and creativity.
- Encourages teamwork and critical thinking.
- Encourages knowledge application.
- Encourages adaptation.
- Builds resilience.



A Grade by Grade Overview

Kindergarten

- Name Tag Challenge
- Creativity Challenge
- Password Safety
- KIBO Programming
- Community Centers

First Grade

- Name Tag Challenge
- Creativity Challenge
- Cupid's Bow
- Coding
- KIBO Programming



A Grade by Grade Overview

Second Grade

- Name Tag Challenge
- Creativity Challenge
- Cupid's Bow
- Understanding States of Matter
- Coding
- KIBO Programming



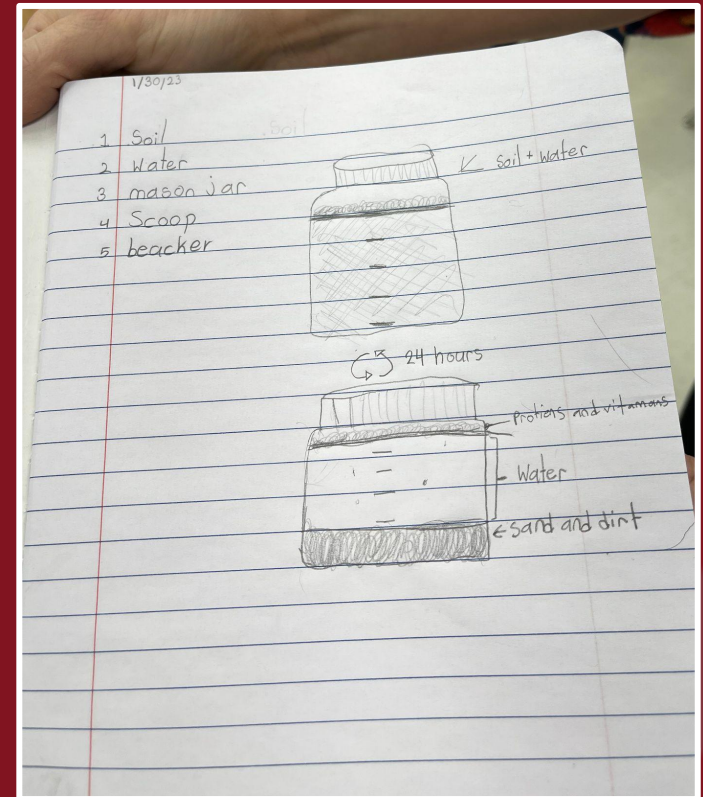
A Grade by Grade Overview

Fourth Grade

- Inventors/Innovators Lesson
- Name Tag/Creativity Challenge
- Gardening
 - Lesson 1 - Soil in the Mason Jar
 - Students will be working in classroom gardens and the OPS garden (Green Our Planet Grant)
 - Farmers Market



4th graders
learned about soil
and the materials
contained in it



A Grade by Grade Overview

Fifth Grade

- Inventors/Innovators Lesson
- Name Tag Challenge
- Creativity Challenge
- Hydroponics
- Farmers Market

Sixth Grade

- Inventors/Innovators Lesson
- Name Tag/Creativity Challenge
- STEAM Tank/Shark Tank



Next Steps

- **Revising and adding to the curriculum**
- **Continued professional development**
- **Auditing resources**
 - **Example:**
 - KIBO - Kindergarten and 1st Grade
 - Wonder Workshop - 2nd and 3rd Grade
 - ???? - 4th through 6th Grade
 - A grant has been submitted to the PTA for the purchase of **micro:bits** to continue to demonstrate how software and hardware work together
 - TEQ will be coming out to look at everything we own and help guide additional areas for expansion



QUESTIONS, COMMENTS OR WONDERINGS

