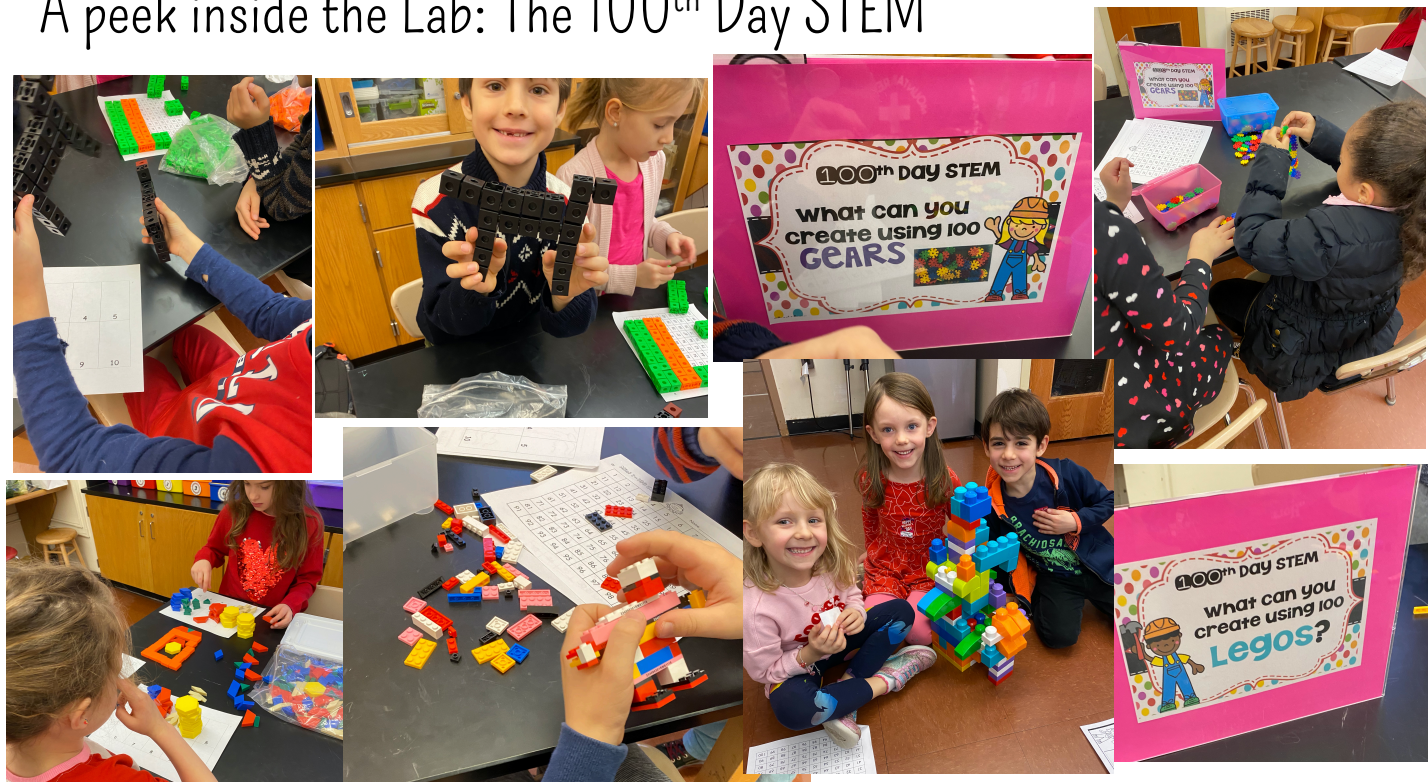


Science Lab Times

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A peek inside the Lab: The 100th Day STEM



WHAT'S HAPPENING THIS MONTH

Kindergarten

Scientists will:

Use a model of a mountain town to conduct an investigation and design a solution to safely guide a boulder.

Design a solution to solve a problem. They will define a problem and design a machine to solve the problem.

1st Grade

Scientists will:

Conduct investigations to observe how shadows change over time and construct an explanation about what causes a shadow to move

Identify the cause and effect relationship between the height of the Sun in the sky and a shadow's length.

2nd Grade

Scientists will:

Design solution to solve a real life problem. They compare the properties of materials to chose the one best suited to a purpose.

Consider the cause and effect relationship between a material's properties and its uses.

3rd Grade

Scientists will:

Recognize patterns in traits between parents and offspring. They construct explanations about which traits the puppy gets from each parent.

Recognize the cause and effect relationship between a change in the environment and the survival of organisms that inhabit it..

4th Grade

Scientists will:

Create a simple circuit using a light bulb, wire, and battery and make a bulb light up.

Diagram a simple circuit and write an explanation about how electricity flows from a battery to a lightbulb.

Analyze why the bulb does/doesn't light as well as problem solve a circuit.

5th Grade

Scientists will:

Consider the cause and effect relationship when combining chemicals to produce reactions which may result in a change in the substance..

Consider that combining two chemicals may result in a change when a substance with unique properties is created.