

JUNIOR CHEMISTS

Mondays, September 20-December 13 (no class October 11 and Nov 22; 11 weeks)

11:00am-12:15pm

Ages 6-8

Kids get to conduct experiments using familiar reactants to introduce them to chemistry themes. We explore density with skittles, osmosis with gummy bears and learn the science behind fizzling slime. Each week we look at a particular theme and conduct hands on experiments explaining it.

Instructor: Nanette Lenderman, MEd

Location: Discover Science Center Peachtree City

Course fee: \$200 OR \$20/lab

10% sibling discount

Register for full semester or individual labs.

LAB SCHEDULE:

SUPERBUG LAB SKILLS – Monday, September 20

Kids learn how to use scientific tools as they determine the size, mass and volume of Superbugs!

DENSITY EXPERIMENTS - Monday, September 27

Students investigate mass and density using skittles and other items found in our kitchen.

RUBBER EGGS - Monday, October 4

This week, we experiment with gummy bears and eggs to see how water can move into different substances.

DIFFUSION - Monday, October 18

Young scientists investigate how molecules move in water and why temperature makes a difference.

CHEMICAL REACTIONS - Monday, October 25

Students study chemical reactions between acids and bases to see what new products are made.

BROWN APPLE EXPERIMENT – Monday, November 1

This week, we investigate fruit, conduct an experiment to see why some fruits turn brown and determine what can best stop this from happening.

SURFACE TENSION – Monday, November 8

Students experiment with liquids to see how some droplets are round and others are flat, and create an explosion of color using surface tension.

MAGNETISM – Monday, November 15

We experiment with magnets to find out what our food and rocks have in common, why iron is important in our diet and extract iron from food.

YEAST SCIENCE – Monday, November 29

Students experiment with fungus to see why we use yeast in the kitchen to make bread, cookies and cake rise.

OIL AND WATER – Monday, December 6

This week, we investigate water and oil and learn why they do not mix, create a lava lamp and experiment with soap.

POLYMER SCIENCE - Monday, December 13

Kids learn the science of polymer slime, and conduct a chemical reaction to make their slime fizz and bubble.

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