



SCIENCE OF GROSS

Wednesdays, January 26-April 27 (no class Feb 23, Apr 6; 12 weeks)

11:00am-12:15pm

Ages 8-10

Students explore the fields of medical, environmental and food sciences as they investigate topics we usually consider to be gross. Around here we say, "Gross and Awesome." All lab costs are included in registration fee.

Instructor: Nan Reese, MSc, MEd

Location: Science Center (suite 5)

Course fee: \$220 OR \$20/lab

10% sibling discount

Register for full semester or individual labs.

LAB SCHEDULE:

Science of Snot - Wednesday, January 26

Students investigate what boogers are made of, explore their role in the body, and make a model of snot to see how it works.

Scab Science - Wednesday, February 2

We study how and why the body makes scabs, investigate blood cells under a microscope and create fake scabs.

Fungus Fun - Wednesday, February 9

In this lab, students learn what fungi are and what they do for ecosystems as they investigate different types of fungus and dissect a mushroom.

Yeast Science - Wednesday, February 16

We continue our discussion of fungi as we study yeast in food science, conduct experiments with yeast, and get recipes to try at home.

Composting - Wednesday, March 2

Kids learn how organic material decomposes as they learn about environmental and ecological benefits of composting, and their own mini-composting jar.



Science of Bacteria - Wednesday, March 9

Students learn about “good” and “bad” bacteria, test their hand-washing skills and conduct a bacterial culturing experiment.

Food Microbes - Wednesday, March 16

We study how bacteria are used in food production, make observations of our culturing experiments, and get recipes to try at home.

Whose Scat is That? - Wednesday, March 23

Kids study what animal scat tell us about the animal that produced it and how to identify different kinds of wild animal scat.

Zombie Parasites - Wednesday, March 30

Today, we learn about different kinds of zombie parasites, and explore how parasitism affects the parts and function of the brain.

Our Digestive System - Wednesday, April 13

Students create a model of the human digestive system to see how our body processes food and absorbs nutrients.

Gross Animal Behavior - Wednesday, April 20

Kids learn about the gross behavior of some animals including dung and dermestid beetles, hagfish, sea cucumbers, pearlfish and crustaceans that replace the tongues of fish.

Owl Pellets - Wednesday, April 27

We investigate how owls eat as we dissect owl pellets and reconstruct the skeletons to determine what they ate.

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