

Gross Science



Educator's Guide

Discovery Area for Grades 4 – 8

Class will be adjusted appropriately for grade level

Group size: 15 – 30 students

Adult chaperones required based on group size.

1 hour

Get into Gross!

Get messy and explore why some things strike us as icky. Is it the color? Is it the smell? What is the science behind our reactions? We will use food as a springboard to create a science connection to the gross side.

Educator's Workshop Box

Pre/Post-Visit Activities:

- Research ads in a magazine. What colors do they use when they are trying to make you hungry? What colors do they use for products that are used for cleaning? How do colors in a room make you feel?
- What is a physical change? What is a chemical change? Name an example of each.
- Smell a cotton ball dipped in vinegar or a blown out matchstick. How does the smell make you feel? Why do you think the feeling might be there, and is there a connection to safety for your body?

National Science and Math Standards

Science Inquiry:

Abilities necessary to do and understanding about inquiry

Physical Science:

Properties and changes of properties in matter

History and Nature of Science:

Nature of science and scientific knowledge

Create and use mathematical representations to:

Organize, record and communicate ideas

Define problems

Model and interpret physical, social and mathematical phenomena

Reading concepts and skills Includes: inquiring, describing, classifying, identifying, vocabulary development, and activity parallels

Students will also meet many required curriculum standards during their Science City visit. Visit the Curriculum Guides at www.unionstation.org/edinfo.cfm



For questions about field trips or
Science City Discovery Area programs
Call 816-460-2020