

YUMMY SCIENCE!

**Engaging students
with food labs.**

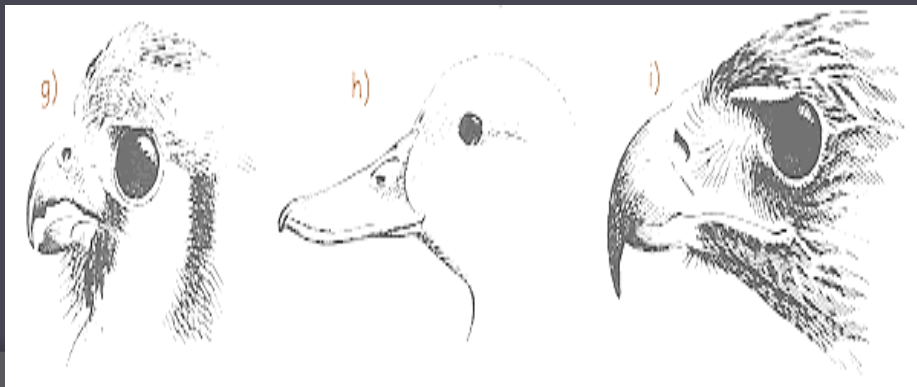
Disclaimers

1. Please check with your school and follow any guidelines before you tell your students they get to eat the supplies.
2. Many of the labs are originals, but just as many are "borrowed" from other sources. The intention is to compile labs using food all in one place, not to take credit for someone else's work or ideas.

Bonkers About Beaks

Purpose: The students will use a variety of foods to represent different type of food in an ecosystem, and different items to represent types of fish mouths or beaks.

TEKS: 7.11C and 8.11 C



Candy Cells

Purpose: The students will compare the structures and functions of plant and animal cell organelles and explain why certain types of candy can be used to represent these organelles.

TEKS: 7.12D, and E



Candy Corn Food Chain

Purpose: To show how energy flows through a food chain, and that energy is lost at each level of an ecosystem.

TEKS: 7.5C and 8.11B



Candy Conglomerate

Purpose: To study how rock particles can be turned into sedimentary rock.

TEKS: 6.10B



Cave in a Bottle

Purpose: To model the processes involved in making caves and how groundwater can be affected by surface pollution.

TEKS: 7.8C



Chocolate Rock Cycle

Purpose: To model the rock cycle by using chocolate candies to simulate changes that the rocks go through at each step of the cycle.

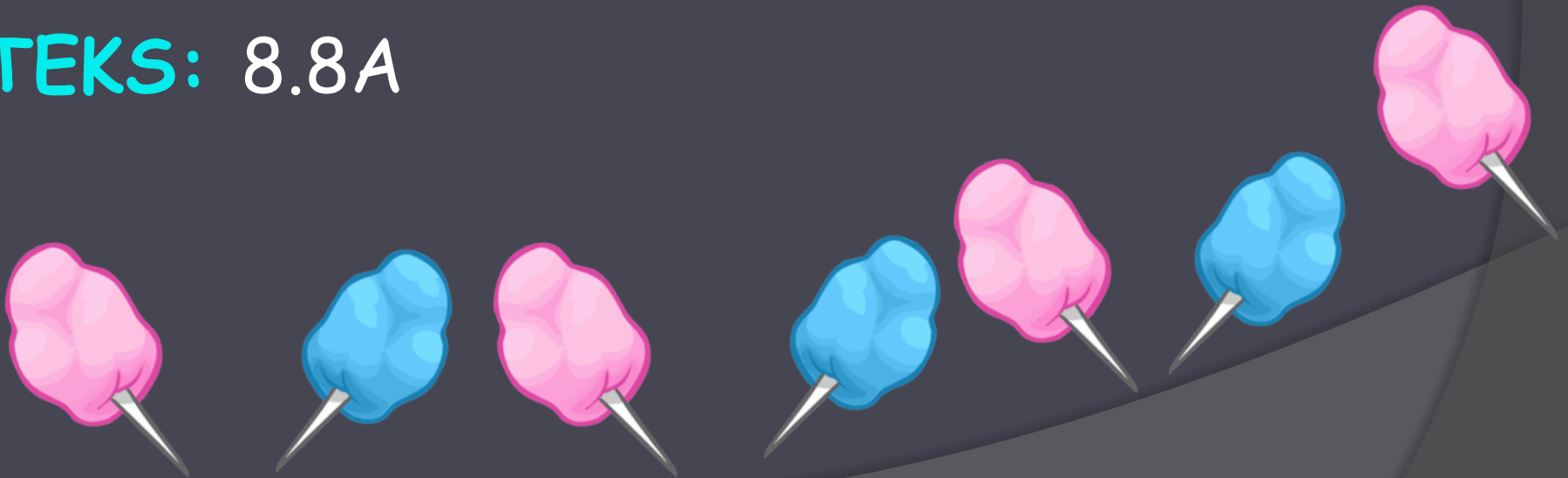
TEKS: 6.10 B



Cotton Candy Nebula

Purpose: This lab is designed to show how the mass inside nebulae is compacted due to gravity to form a protostar.

TEKS: 8.8A



Graham Cracker Tectonics

Purpose: The students will use icing, graham crackers to simulate the motion of tectonic plates at convergent, divergent, and transform boundaries.

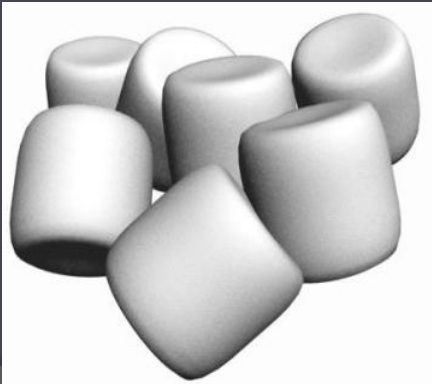
TEKS: 6.10C,D and 8.9B



Marshmallow Atoms

Purpose: Students will identify and describe parts of an atom.

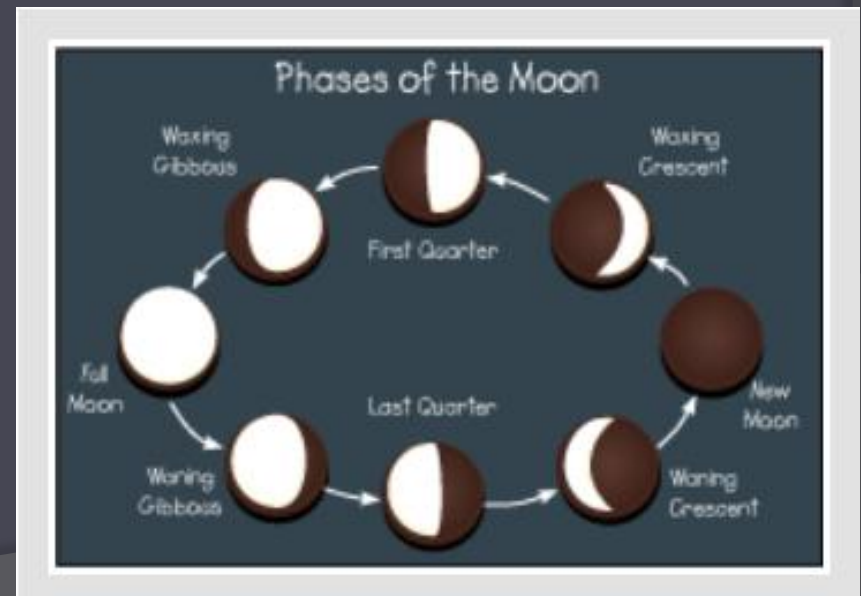
TEKS: 8.5A,B



Oreo Moon Phases

Purpose: To allow students to see the relationship between the visible and invisible parts of the moon during each moon phase, and to predict future events in the lunar cycle.

TEKS: 8.7B



Popcorn pesticides

Purpose: Students will understand the effect of pesticides on different levels of a food chain.

TEKS: 7.11C and 8.11C



Skittle Chemical Equations

Purpose: Students use skittles to represent different types of elements in a chemical equation. Students are given multiple chemical equations, and check to see if they are balanced using skittles.

TEKS: 8.5F

