

Discovery Lab Description:

In this Discovery lab students will learn that your teeth don't have to be sharp to have the best bite. They will examine a variety of jaw bones and teeth and collect evidence to support a statement about why different animals have such different teeth. They will then put their knowledge to the test with a

During the Discovery Lab students will be expected to:

- Sit in groups of 4 students per table.
- Students should be prepared to give their full attention to the Lab instructors when given the quiet signal.
- Work cooperatively with one another at the table.
- Follow the hands-on procedures just as the Lab teacher or assistant explains them.
- Handle materials and equipment carefully.

It is important that teachers and chaperones:

- Help focus the students' attention.
- Turn off cell phones and other electronic devices during the class.
- Assist students with lab activities through questioning allowing the student to do the actual building and decision making. For example a parent might ask, "I see your base is shaky, what could you do to strengthen it?"
- Engage students at a higher level thinking by asking open-ended questions throughout the class. For example: why did you choose ____?

Literary connection:

What If You Had Animal Teeth? by Sandra Markle takes children on a fun, informative, and imaginative journey as they explore what it would be like if their own front teeth were replaced by those of a different animal. Featuring a dozen animals (beaver, great white shark, narwhal, elephant, rattlesnake, naked mole rat, hippopotamus, crocodile, and more), this book explores how different teeth are specially adapted for an animal's survival

Nevada Academic Content Standards in Science (NGSS):

3-LS3-1. Analyze and interpret data to provide evidence that plants and animals have traits inherited by parents and that variation of these traits exists in a group of similar organisms.

