Students examine and compare

Completion of Investigation Worksheet Science Notebook Entries (as applicable)

Three Main Eating Habits of Animals
There are three main categories of eating habits for animals: carnivore, herbivore, and omnivo

- 5. Introduce the Investigation Worksheets.
- 6. Begin the investigation.

Students should make initial observations about teeth and record their observations on the worksheets.

- 7. Discuss and compare observations with other students.
- 8. Classif

Animals that eat mainly meat. Examples of carnivores include lions, tigers, crocodiles, and sharks.

What an animal eats and drinks each day.

Hard outer layer of a tooth. This is the layer that gets cleaned by your dentist, and gets cavities if y your teeth.

Animals that eat plan

Laboratory Investigation 5: Fossil Teeth – Answer Key

- Examine the fossil teeth, looking at tooth details such as the number and shape of the bumps (or cusps) on the teeth, and tooth size. Where would the root of the tooth be located? The root does not have enamel (shiny and harder than the root). Sometimes there will be more than one root.
- 2. Decide what surface the animal uses to eat its food. Opposite the root. Sometimes the enamel will show wear on the surface that is used for chewing.
- **3.** Sort the teeth into two piles based on whether the teeth are pointy or flat. *Pointed: Spinosaurus, shark Flat: Horse Flat with bumps: Bear, human*
- 4. Draw and label each tooth, including as many features as you can.
- 5. After you have sorted and drawn the fossil teeth, try to determine the diet and record that information in the chart.
 - a. Carnivore Fossil Spinosaurus, Fossil Shark
 - b. Herbivore Fossil Horse
 - c. Omnivore Fossil Bear, Modern Human