Traveling Exhibit Program presents

Be a Tooth Sleuth

And learn a lot about mammals just by looking at their teeth!

Smile and Say “Teeth”
Join the Tooth Sleuth and search for the clues that reveal what animals eat. Learn about herbivores, carnivores, omnivores, and their teeth — and discover how people fit in. This mini-exhibit includes animal skulls, including a tiny weasel and a polar bear.

Organizer
Purdue Agriculture Exhibit Design Center

Content Specialists
Rod N. Williams, Assistant Professor, and Robert N. Chapman, Wildlife Specialist, Purdue University Department of Forestry and Natural Resources.

Learning Objectives
The exhibit team worked with the content specialists to make sure that visitors will be able to:

• Define the terms carnivore, herbivore, and omnivore.
• Understand the three basic types of teeth that carnivores, herbivores, and omnivores have.
• Describe the feeding habits of carnivores, herbivores, and omnivores.

Examine the skulls of a tiny least weasel and a large polar bear.

Learn more about what animals eat just by looking at their teeth in Be a Tooth Sleuth.
Exhibit Walk-through

Be a Tooth Sleuth is a two-sided, free-standing display that includes interactive elements that engage visitors. Details about the two sides are provided below.

Side 1: What a Tooth Sleuth Must Know

• Learn what mammals eat just by looking at their teeth in Be a Tooth Sleuth.
• Attend Sleuth School to discover the three types of teeth mammal have.
• Examine mammal skulls for clues that reveal whether the animal is a carnivore, herbivore, or omnivore.

Side 2: It’s Time to Do Some Sleuthing

• Test your sleuthing skills in the touch screen game, Time To Do Some Sleuthing.
• Pair eating habits with the right mammal in the Examine The Clues hands-on activity.
• Compare the skulls of the tiny least weasel and large polar bear in Large & Small.
• Examine your own teeth in the Tooth Sleuth’s mirror.

Target Audience
Kindergarten through 4th graders and their families.

National Science Education Standards (K-4)
Content Standard A, Science as Inquiry
Content Standard C, Life Science

Square Footage
Approximately 50 (8.2 feet wide x 5.6 feet tall x 3.7 feet deep, electricity required)

Rental Fee
$2,000 for 3 months plus in-bound shipping

Security
Low

Category
Animals, Nature, Science

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Discover the types of teeth animals have at Sleuth School.

Examine your own teeth in the Tooth Sleuth’s mirror.