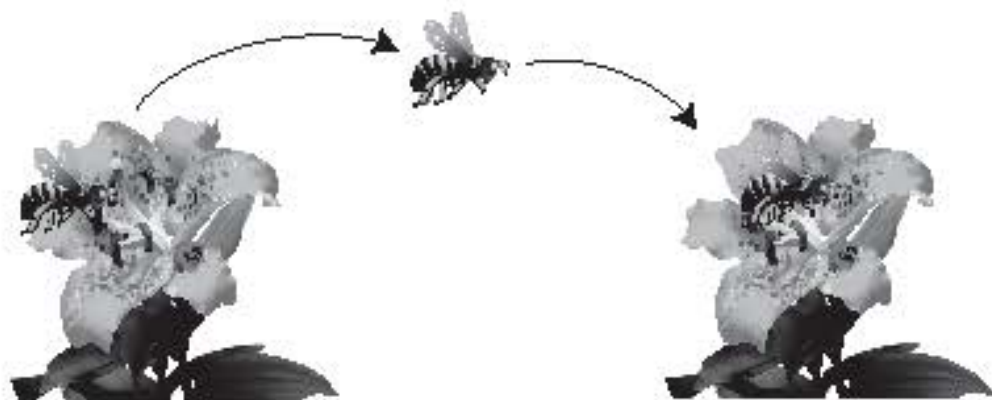


Bees As Pollinators

Some flowers depend on bees for pollination. As bees climb into the center of a flower to get the nectar, it is likely that they will brush against the pollen, picking up the pollen on their bodies. A bee can transfer pollen from one flower to the next as it travels.



Spelling Bee

How many words can you find in the puzzle below? Start at any letter, then travel from one nearby letter to the next in any direction, spelling out a word as you go.



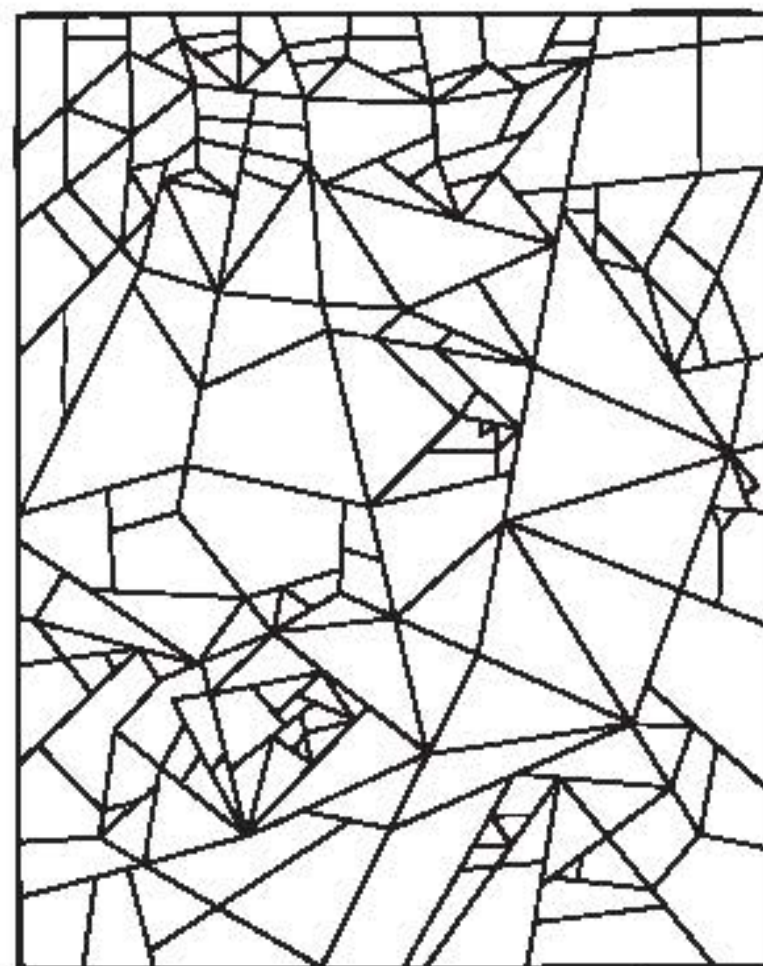


4th Grade

Presented by Bank of America



Color in each triangle below to discover a consumer (or carnivore) that could be found in a food chain.





Predators are carnivores that kill other animals for food. Prey animals tend to be herbivores and are hunted and eaten by predators.

Find the coprolites. Draw what the two of them look like below.

1.

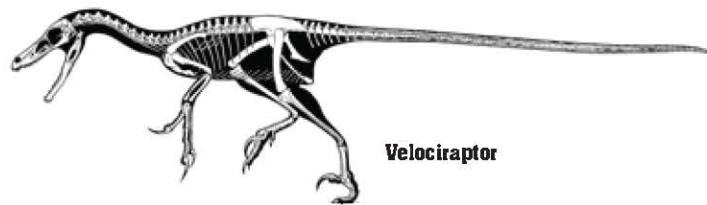
2.

Which one looks like a coprolite of a carnivore: 1 or 2? _____

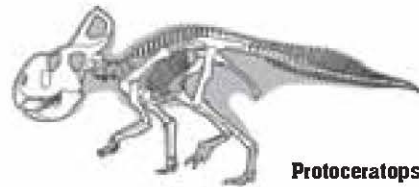
Why? _____

Deadly Embrace

At DinoQuest, we have the replica of a famous fossil showing a predator (Velociraptor) and prey (Protoceratops) locked in battle. See if you can find this fossil in the Fossil Dig area.



Velociraptor



Protoceratops

Notice:

- **The raptor has driven its sharp claws on its hind feet into the body of the Protoceratops.**
- **The raptor has even pierced the defensive head shield of the Protoceratops!**
- **In defense, the Protoceratops has broken the right arm of the Velociraptor with its sharp beak.**



Penalty Box: Visit the Penalty Box to practice your math skills. Sit on the bench and touch the screen to start the game. If you answer at least four of the questions correctly, the other team will not be able to score (notice the small picture of the rink in the bottom right-hand corner; you want the puck to move away from the Home Team goal). Use the on-screen calculator or clock if you need help. Can you answer the following questions?

1. **How many seconds is a 2-minute penalty? _____**
2. **If you begin your penalty at 7:45 PM, at what time is your penalty finished? _____**
3. **While you are serving your penalty, 4 of the 5 players on your team are on the ice, not counting the goalie. What percentage of your team is on the ice during your penalty? _____**
4. **Not counting the goalie, what fraction of the team do you represent? _____**

Reaction Time: Read the directions to learn how to play, then try this experiment: How quickly can you react to the light flash? Write down your first three scores. (1) _____ (2) _____ (3) _____

Did you get faster each time? (Yes / No)