

Pre-Class and Post-Class Activities

Cat Mosaics

Note: The following discussions are completely optional and are not required for participation in the Cat Mosaics class. This information is provided as ways to build on this class and to be used at your discretion.

Vocab to know:

- Camouflage
- Adaptation
- Survival
- Habitat
- Predator
- Prey
- Fur
- Pattern
- Environment

Pre-Class Discussions:

Before the lesson, ask students: “Have you ever seen an animal that was hard to spot because it blended into its surroundings?” Discuss how animals use their colors, patterns, and fur to help them hide. Ask students why an animal might need to hide and introduce the ideas of predators, prey, and survival. Encourage students to think about how an animal’s habitat can influence what colors or patterns help it blend in.

Post Class Discussions:

Ask students to share their camouflaged cats and explain why they chose certain colors, patterns, or materials. Discuss how camouflage helps animals hide from predators and sneak up on prey. Ask: “Would your cat be well camouflaged in its habitat? Why or why not?” End by discussing how different animals have different colors and patterns that help them survive in their environments.

Applicable CA State Content Standards

California Next Generation Science Standards (CA NGSS)

- K-LS1-1
- 1-LS1-1
- 2-LS4-1
- 3-LS4-2
- 3-LS4-3
- 4-LS1-1
- 5-LS2-1

Science and Engineering Practice – K–5: Make observations, analyze patterns, construct explanations, and communicate information based on evidence.