

Animal Sing Along



Objective

Through role play and song, students will be able to name warm- and cold-blooded animals and demonstrate the behaviors used to dissipate excess body heat.

Materials

- ☐ pictures of a sea turtle, penguin, and sea lion

Background

Thermoregulation is an animal's ability to control its body temperature. This is achieved through internal mechanisms (metabolism) or behaviors (seeking shade or warm sunlight). Warm-blooded animals maintain a fairly constant body temperature (due to internal mechanisms) not largely affected by their surroundings. Cold-blooded animals do not have internal mechanisms to control their body temperature and rely on their environment and behavior instead. Scientists classify animals into groups based on their ability to thermoregulate.

Action

1. Ask students to gather in a circle. Introduce students to the animals by showing the pictures. Can they name each animal?
2. Introduce the topic of warm and cold blooded. Ask students to guess what kind of blood they have (warm, we feel warm). Do they know any animals that have cold blood (pets like turtles, fishes, etc.)? Show the animal pictures again. Can students guess which ones have warm blood and which have cold?
3. Ask students to stand to sing the song. Sing each line and have students sing back. While singing the line, demonstrate role-play motions for students to mimic.
4. After teaching the song, sing again together as a group. Can students use the same tune and make up verses for other animals they know?

SONG (to the tune of "Found a Peanut")

I'm a sea turtle (point to self)
You're a sea turtle (point to buddy)
We're all sea turtles with cold blood (wave arms in a big circle)
To cool off (wipe brow)
We dive deeper (everyone dives down)
We're all sea turtles with cold blood (arm circle)

I'm a penguin (point to self)
You're a penguin (point to buddy)
We're all penguins with warm blood (arm circle)

To cool off (wipe brow)
We fluff our feathers (flap arms up and down and shake)
We're all penguins with warm blood (arm circle)

I'm a sea lion (point to self)
You're a sea lion (point to buddy)
We're all sea lions with warm blood (arm circle)
To cool off (wipe brow)
We jump in cold seas (jump forward)
We're all sea lions with warm blood (arm circle)