

Animal Features

Science Grade-Level Expectation

The exercises in this instructional task address content related to the following science grade-level expectation:

(LS-E-C1) Describe features of some animals that benefit them in their environments (GLE 32)

	Objectives
Task	<ul style="list-style-type: none"> - Analyze use of animal structures - Relate form to function of animal features
<u>Sample Student Exemplar Response</u>	

Implementation Tips:

- This task is intended to be integrated into a larger unit that contains hands-on science opportunities, student-led investigations, non-fiction reading, and a variety of other instructional strategies.
- Teachers may choose to use or modify the task as part of an instructional lesson or as a formative or summative assessment.
- Strategic instructional decisions will need to be determined prior to implementation such as:
 - Should the provided text be read aloud to students or read independently by students?
 - Will students work collaboratively or individually to complete the task?
 - What content knowledge and skills will students need to have prior to attempting the task?
 - Does the task need to be modified based on the needs of the students at the time of implementation?

Task Part 1: Match the object that is most like a body part of the animals. Write the object's name next to the animal. Explain how the object helps humans and how the body part helps the animal in its environment.

v vi vii viii



chest protector



book sack



water hose



airplane wing

Animal	Object	How does it help?
 <p data-bbox="483 1024 493 1054">i</p>		
 <p data-bbox="483 1304 493 1333">ii</p>		
 <p data-bbox="133 1623 159 1652">iii</p>		
 <p data-bbox="493 1927 503 1957">iv</p>		

- Read about [Kangaroos](#).

Task Part 2: Draw a picture of an object that humans use like a kangaroo's pouch then describe how the object is like a kangaroo's pouch.

Sample Student Exemplar Response:

Part 1

The elephant trunk allows it to suck up water. Animals need water to live. It can also spray water to chase enemies away and bathe.

The object that is most like the elephant's trunk is the hose because water moves through a hose like it moves through an elephant's trunk.

The camel's hump is used to store fat for to keep it alive when there is no food or water in the desert.

The object that copies the camel hump is the backpack for storing things and carrying them on your back.

The bird's wings allow it to fly to search over long distances to find food and to escape its enemies.

The object that is most like the bird's wings is the airplane wing that help the plane fly.

The turtle's shell protects it from other animals and dangers.

The object that is most like the turtle's shell is the catcher's chest protector that is worn for protection during baseball games.

Part 2



baby sling

A baby sling is like a kangaroo's pouch because it carries and protects a baby.

ⁱ <https://upload.wikimedia.org/wikipedia/commons/7/70/2005-bandipur-tusker.jpg>

ⁱⁱ https://upload.wikimedia.org/wikipedia/commons/9/9d/Bird_in_flight_wings_spread.jpg

ⁱⁱⁱ <https://upload.wikimedia.org/wikipedia/commons/5/53/Geoffroys.side-necked.turtle.arp.jpg>

^{iv} https://upload.wikimedia.org/wikipedia/commons/b/b1/Chameau_de_bactriane.JPG

^v https://upload.wikimedia.org/wikipedia/commons/a/ae/Airplane_Wing.jpg

^{vi} https://upload.wikimedia.org/wikipedia/commons/c/cd/Garden_hose.jpg

^{vii} http://targus.com/content/images/thumbs/0001730_17-spruce-ecosmart-backpack.jpeg

^{viii} <http://www.homerunmonkey.com/homerun-all-star-catcher-equipment-cp30pro-system-7-adult-chest-protector.html>