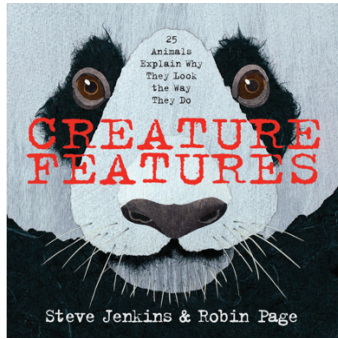


Name:



Write down the reasons given for four of the animals' body parts.

Name of Animal	External Body Part	Reason for External Body Part

**Questions to Think About - You Do Not Need to Write Down Your Answers!**

Did you learn any new animal facts from this book?

Did you enjoy learning the “gross” facts? Which was the most disgusting? Why do these facts seem disgusting? What if you had to do these things in order to survive?

## GUIDING QUESTIONS

**How can nature help us solve problems?**

**In what ways do humans mimic (or copy) how animals build shelter, obtain food, or protect themselves?**

Using the book *Creature Features* for inspiration, invent a tool that mimics (or copies) how animals use their external parts to help them survive, grow, and meet their needs.

You could start by picking one of your favorite examples from the book. Think about how you could use that body part to solve a problem today. Your invention for humans should use the same feature as that animal.

\*For example, A Sun Bear uses its tongue to slurp ants and termites. What could you use it for?

\*Here are some examples that already exist:

- Bicycle clothing protects bicyclists by mimicking turtle shells.
- Trash grabbers pick up trash off the ground by mimicking bird beaks.



Draw a picture with labels. What materials will you use?

Write a short description about what your tool is and which animal feature it mimics.

\*Optional: If you can, make a model of your invention using items around your house.

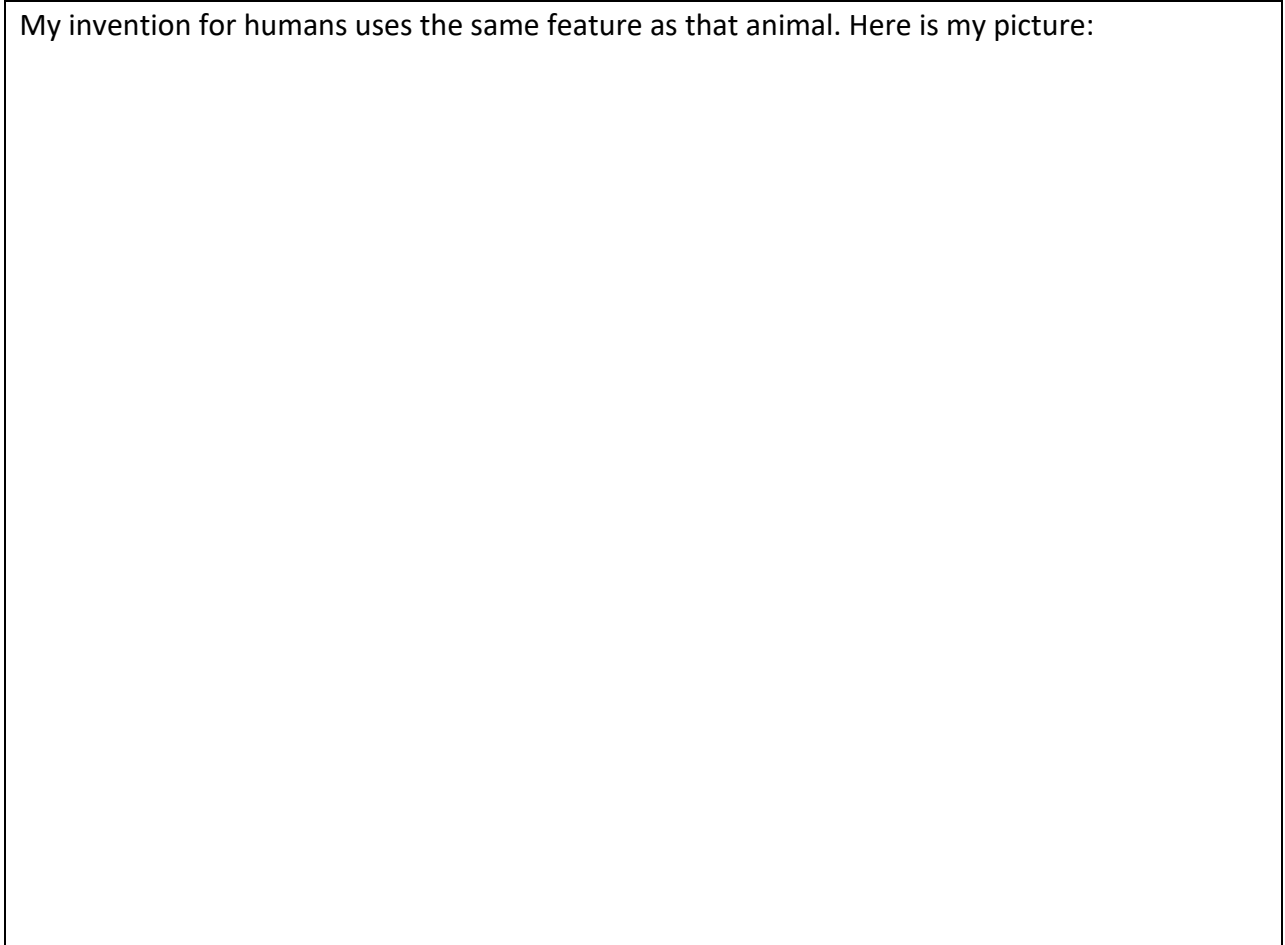
Photograph your invention (and/or your model) and email it to [cme5472@lausd.net](mailto:cme5472@lausd.net) to be included on [www.mrspolay.com](http://www.mrspolay.com).

# Using Nature to Solve A Problem

by \_\_\_\_\_

My invention is inspired by \_\_\_\_\_.  
(animal name and body part)

My invention for humans uses the same feature as that animal. Here is my picture:



Here is how my invention works: \_\_\_\_\_

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