

This structure has which of the following functions

- Obtain food
- Get or retain water
- Provide shelter
- Provide protection
- Better movement

SPINES ON A CACTUS



This structure has which of the following functions

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CLAWS



This structure has which of the following functions

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A SHELL



This structure has which of the following functions

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WEBBED FEET



This structure has which of the following functions

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ROOTS



This structure has which of the following functions

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WAXY COATING



This structure has which of the following functions

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BIRDS WINGS



This structure has which of the following functions

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LION TEETH



This structure has which of the following functions

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ZEBRA STRIPES



This structure has which of the following functions

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DEER ANTLERS



This structure has which of the following functions

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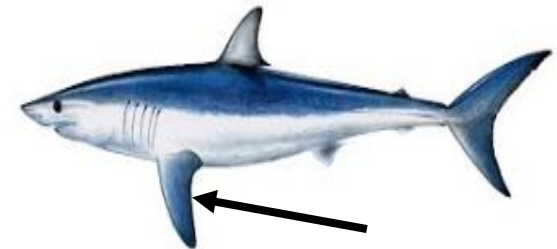
RHINO HORN



This structure has which of the following functions

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SHARK FINS



This structure has which of the following functions

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BEE STINGER



This structure has which of the following functions

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ANT LEGS



This structure has which of the following functions

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GRASSHOPPER LEGS



This structure has which of the following functions

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BUTTERFLY WINGS



This structure has which of the following functions

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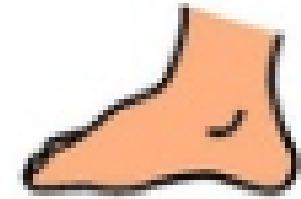
HUMAN NOSE



This structure has which of the following functions

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HUMAN FOOT



This structure has which of the following functions

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HUMAN EAR



This structure has which of the following functions

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HUMAN HAND



This structure has which of the following functions

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GIRAFFE NECK



This structure has which of the following functions

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HUMMINGBIRD BEAK



This structure has which of the following functions

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ELEPHANT TRUNK



This structure has which of the following functions

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KANGAROO LEGS

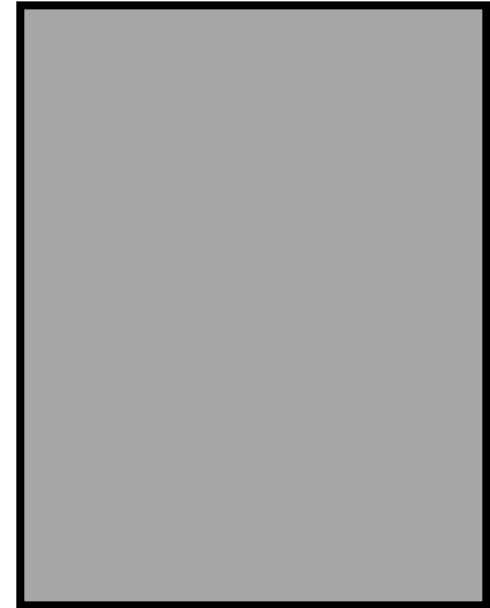
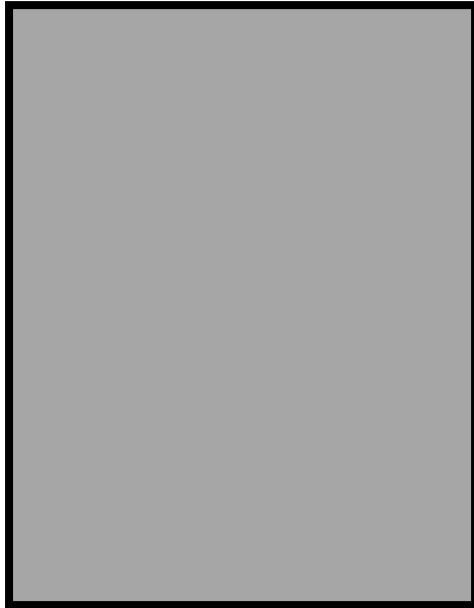


This is the game board.

1. Place the cards in the center face down.
2. Each person pulls one card and places it in the pink box.
3. The first person who can identify a similar structure wins.

For example: The stinger on the bee and the spines on the cactus function similarly because they are both used for protection.

4. You must speak with the sentence stem below to win the hand.



The _____ on the _____ and the _____ on the _____

Function similarly because _____.

“Structure and Function” Memory

1. Print out two sets of each card.
2. Mix the cards up and place them face down.
3. You can only pick up a match if you can describe one structure and its function.
4. The person with the most matches wins.

Categories

Each group gets a set of cards. The task is to see how many ways you can categorize the pictures based on similar structures with similar functions. For example, I might put the bee and the cactus together because the cactus spines protect it just as the bee stinger can be used to protect it.

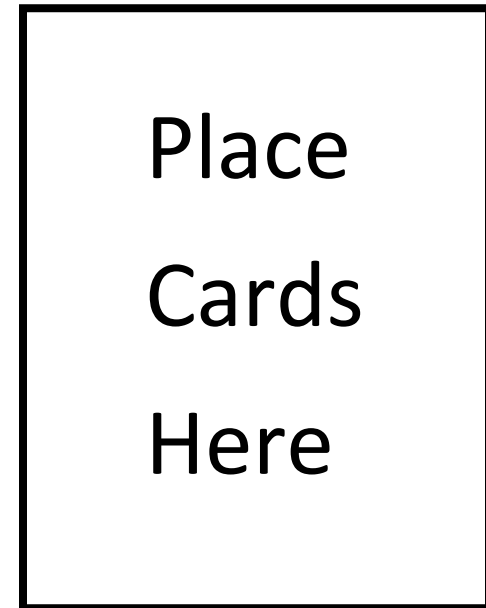
Obtain Food



Provide Protection



Better Movement





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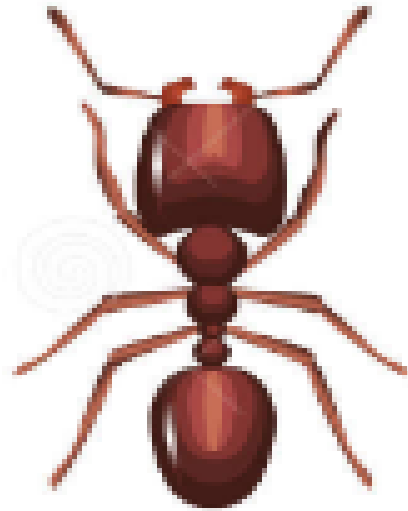
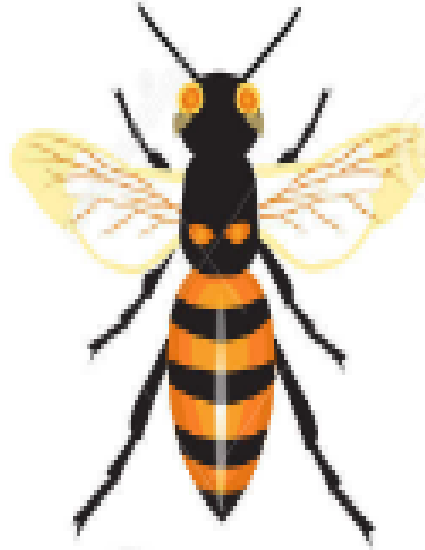
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Student sheet

Look through the cards and pick an Animal that you would like to take a structure from to fulfill a need. Be prepared to name the structure, tell its function and explain why you would choose it to fulfill your need.

Scenarios

1. You are in a zoo and a lion gets out of his cage.

The animal that I would choose is _____. The structure that I would take from is animal is its _____. The reason that I would take this structure is because the function of it is _____ this would help me survive because _____

2. You are swimming in the ocean and the alarm goes off because someone saw a shark in the water.

The animal that I would choose is _____. The structure that I would take from is animal is its _____. The reason that I would take this structure is because the function of it is _____ this would help me survive because _____

3. You are an ant in the park. A human arrives and begins stomping all your family.

4. Your plane crashed in the forest. You are starving and need food. You look up and see fruit in the top of the tree.

5. You are in a field full of grass and flowers. Suddenly, you hear animals growling all around you.
