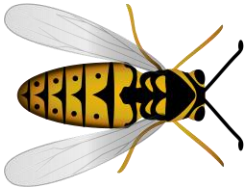
Name _____ Period _____

Science Starters – Body Structures

For extended response questions, answers must be written in full sentences and the question must be restated. For multiple choice questions, first choose the right answer and then using complete sentences explain why you chose the answer you did.



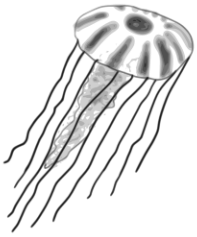
Day 1
Does the bee have symmetry? Yes No
If the bee does have symmetry, what kind of symmetry is present? Radial Bilateral
Draw any lines of symmetry that are present in the bee.
Describe how having radial symmetry, bilateral symmetry or no symmetry benefits the bee.

_____

_____

_____

_____



Day 2
Does the jelly fish have symmetry? Yes No
If the jelly fish does have symmetry, what kind of symmetry is present? Radial Bilateral
Draw any lines of symmetry that are present in the jelly fish.
Describe how having radial symmetry, bilateral symmetry or no symmetry benefits the jelly fish.

_____

_____

_____

_____

Day 3
Think about the bee and jelly fish, and the similarities / differences of how their bodies are organized. Fill in the graphic organizer below to compare their body structures and processes.

Bee and Jellyfish Body Structure Comparison

Similarities in Body Structure of Bees and Jelly Fish	Differences in Body Structure of Bees and Jelly Fish
• Both organisms have patterns on their body • •	• Bees have legs for locomotion jellyfish have no legs • •

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Day 4

Use the pictures of the 4 birds below to answer the following question.

Bird 1

Bird 2

Bird 3

Bird 4

Which of the birds above have a body structure to best capture prey that live in the mud of shallow marshes? Explain your choice on the lines below.

A. Bird 1 B. Bird 2

C. Bird 3 D. Bird 4

_____

_____

_____

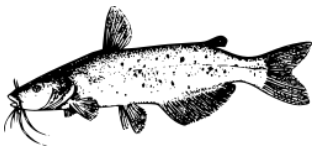
Day 5

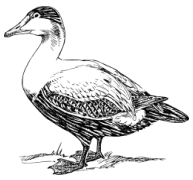
Study the pictures of the 5 organisms below. In the chart choose a pair of the organisms that can be grouped together because they share a common external structure, internal structure or process. Explain why the pair can be grouped together. Repeat this for a second pair of organisms. One of the organisms pictured will not be used.

Butterfly

Frog

Snail


Catfish


Duck

Organism Pair	Explanation of Why Pair Can Be Grouped Together
_____ _____	_____ _____ _____ _____ _____ _____
_____ _____	_____ _____ _____ _____ _____ _____

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