**Structure and Function** *Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****9***

*Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Per. \_\_\_\_\_\_\_\_\_*

1. Explain why the task of cutting the paper with a paperclip wasn’t realistic.
2. Screwdrivers are different shapes to fit different screws. Can you think of any other tools that have specific structure/shape for their specific functions? **List a tool and explain why its shape/structure allows it to function.**



1. Explain how the shape of the outer ear helps it to function.
2. Explain how the shape of the wing allows the bird to fly.

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1. Other than the wing shape, what structures help a bird to fly?
2. Explain why hollow bones would be beneficial for birds.
3. ****Bird’s beaks are suited to the food they eat. Explain why a humming bird has a long skinny beak.
4. **Group Discussion and Assignment.** With your group, discuss and list at least 3 other examples of structure and function (at least 1 living and 1 non-living).

**1.**

**2.**

**3.**

1. Draw one example from above (showing structure/function)

**Mr. Wood… Structure & Function ☺**

1. Compare and explain how you were able to walk with the wooden splint and without the wooden splint.

With Splint Without Splint

2. Referring to #1, which was easier and WHY???

3. What evidence shows how the structure of the knee supports the function of the knee.

4. In your groups, DISCUSS and SHARE 3 examples (living and/or non-living) similar to the FUNCTION of the knee.

1.

2.

3.

5. Is the knee a system? Use Evidence to EXPLAIN why or why not!