



Structure/Function (Assessment)

Concepts Assessed

The design of an object and the materials that make it are related to the function or job of that object. Living things demonstrate a structure function relationship..

Time

15 minutes

Materials

Individual

Writing Prompt

Advance Preparation

1. Duplicate assessment.

Procedure:

1. Explain that students will now have an opportunity to share what they know about structure and function.
2. Distribute the assessment and provide time for students to answer it.

Name _____ Date _____

Organization of Living Things

1. Define structure
2. Define function
3. What is the smallest structural unit of a living thing?
4. Put the following structures in order of how complex their functions are:
tissue, cell, organ system, organ
5. Using what you know about structure and function, how could you use a football to play golf?

KEY

1. Define structure
How something is made and put together; the parts something has and how they are made
2. Define function
The job or role something does
3. What is the smallest structural unit of a living thing?
cell
4. Put the following structures in order of how complex their functions are: tissue, cell, organ system, organ
Cell, tissue, organ, organ system
5. Using what you know about structure and function, how could you use a football to play golf?
Answer needs to include the idea that the structure and function must match; some possible ideas;
 - Change the rules of golf so that a ball can be thrown into a hole**
 - Change the golf club to be bigger to hit the football so it rolls on the biggest part of the oval**
 - Change the golf course so that the hole are closer and you roll or throw the football into the holes**
 - Change the shape of the football to be more round, use a big club and sink it into big holes**