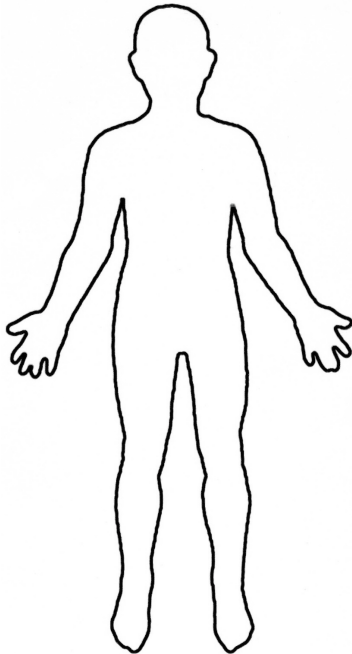


5. **Find the really Large Cell and go inside.** Cells are very small units of life which make up all living things, including humans, plants, and animals. Draw your favorite thing from inside of the cell! Label what you drew below.

6. **Find the Transparent Anatomical Manikin.** Our bodies have different organs in them which help us to do different things we need to do in order to live. For example, our lungs help us breathe. In the body below, draw where the heart, lungs, stomach, and brain belong.



Directions

Answer the questions as you travel through *Under the Microscope*. This guide is meant to be read by an adult and completed by the child.

1. Everything in our world is made up of tiny building blocks that are so small we can't even see them! These tiny parts are called *atoms*, and all living things are made out of a type of atom called carbon. Look at the pictures below and circle which things are living and put an X on the things that aren't living.



Banana



Flower



Dog



Fire



Rock

Circle the things below that all living things need to live, cross out those which living things don't need to live.



Water



Air



Food



Computer



Basketball

2. **Look at the Common Processes Panel.** There are many different types of life on the planet, but we all do some of the same processes like growing, living, and dying. Which of the living things below will live the longest? Circle it.



Humans



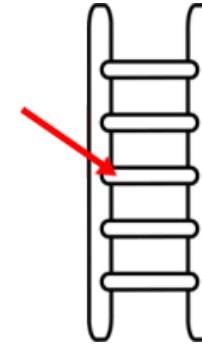
Tree



Cat

3. **Find the DNA Model.** DNA is our body's recipe for life, and tells our body how to make many of the chemicals that we need to survive and grow. DNA is one of the largest molecules that exists. What does DNA look like? Try drawing it below!

4. DNA has things called bases, which make up the "rungs" of the ladder.



There are four bases in DNA: A, T, C, G. The base pairs always match up with each other. Draw a line connecting the base pairs which match with each other below.

A      G  
C      T