

Characteristics of Life Photo Journal

Biology

Start by working with a partner to photograph at least 6-8 different living organisms. Each organism should be as unique as you can find, and you should look in a variety of different habitats.


There are six primary characteristics of living organisms:

1. They are made of cells.
2. They obtain and use energy.
3. They grow and develop.
4. They reproduce.
5. Individuals respond to their environment.
6. Populations adapt to their environment.

Working with your partner, create a PowerPoint presentation using the following criteria:

- You should have a title slide with both of your names and your class period.
- You should have four slides showing the pictures of the most interesting organisms you photographed. Each slide should have this information:
 - What is the name or type of organism pictured? (Do your best to identify the organisms you found; use a more general name if you can't find out exactly what it was.)
 - How does the organism show (or how do you imagine it would show) each of the characteristics of living organisms listed above? Write a short bullet point for each characteristics and try to be as specific as possible. If you don't know exactly how the organism shows a particular characteristic, do your best to imagine how it would show that characteristic.
- Each slide should be neat, clear, uncluttered, and easy to read.
 - Use a light-colored background rather than a picture.
 - Your photograph should take up 1/3 to 1/2 of your slide.
 - Your text should be font size 24-32 and you should use professional-looking fonts.
 - Arrange your text and photographs in a way that leaves some empty space on the slide.
 - An example slide is shown below.

Butterfly



- Cells** – body is made up of cells
- Uses energy** – eats (nectar?); moves and flies
- Grow and develop** – caterpillars make cocoons and become butterflies
- Reproduce** – Lay eggs (?) which hatch to become caterpillars
- Respond to environment** – Will fly away if scared
- Populations adapt** – Will evolve new colors over time if advantageous (?)