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# My Mission Log

## Bugs for Lunch?

Name:



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## 1.1 Fact Finder Notes

Your mission is to decide whether or not we should eat bugs as a source of protein to help the environment. You will do this by learning about how humans get energy from food, what some of the environmental effects different protein sources have on the environment, and how people around the world have enjoyed bugs as food for generations. You will create a pitch that gets others excited about including bugs as part of their balanced diet.

Your mission is to collect information that will help you with your final project. Every time you watch a video, read a text, or do an activity, you should write down new information that you think will help you with your project.

Here are some questions to think about. Anytime you learn new information about one of these questions, write it down.

**Where does food energy come from?**

**What are some of the different roles of living organisms in an ecosystem?**

**How do food chains and food models show how energy moves from one organism to another?**

**What impact does producing different protein sources have on the environment?**

**How can we use creativity when it comes to solving problems and thinking about how to integrate bugs as a source of protein in a balanced diet?**



## 2.1 Creativity Word Cloud

**Directions:** Now you will make a word cloud for the word "creativity." A word cloud is a picture that includes a collection of words that are related to an idea or topic. Use the space below to make your own creativity word cloud that does these three things:

1. **Words:** Write down all the words you can think of when you hear the word "creativity."
2. **Size:** Make the most important words bigger and least important smaller."
3. **Color & Font:** Use as many fun colors or fonts as you want.

**Pro Tip:** You can look at the project module for examples. This will help you think about what the life habit creativity means so that you're ready to use it in this project.



## 2.2 Reflection

**Directions:** Now you will reflect on Dasia and Richard's stories. Thinking about how others use creativity to solve real-world problems will help you begin to think about how you can use creativity in this project.

**How did Dasia and Richard use creativity to solve real-world problems?**

**Dasia and Richard are two kids who used creativity to solve real-world problems. What does their story make you think about how you can use creativity in this project?**

## 3.1 Bug Words

**Directions:** Pick three words you think will be hardest to remember. Draw a picture for each word, label your picture with the word, then use that word in a sentence. **Bonus points** if you can use the word **ant**, **wing**, or **crunch** in one of your sentences. Just for fun.



## 3.3 Draw a Chain

**Directions:** Now it's time to draw your own food chain. This will help you understand how energy moves from one living organism to another. Select one of the sets of organisms below and draw a food chain.

set 1



**organisms:** frog, grass, hawk, grasshopper

set 2



**organisms:** bird, butterfly, fox, flower

**Draw your food chain here.**

**How do bugs fit into this food chain?**

## End of Preview

If you want to see the rest of the student Mission Log,  
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