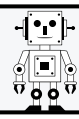
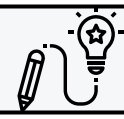
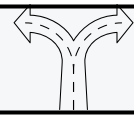
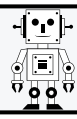
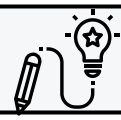
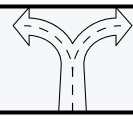
Unicellular and Multicellular Organisms Menu

Directions: Take a look at the different ways you can explore **unicellular and multicellular organisms** on the choice board. Choose the ONE activity that you think will best help you show what you've learned and that you will enjoy working on!

Ask and Investigate 	**Model It!** 	**Be a Data Detective** 
Come up with a question about unicellular or multicellular organisms. Plan a simple way to explore your question.	Create a model to show the basic structure of a unicellular organism and a multicellular organism. Explain the key differences in your models.	Research and compare the characteristics of a specific unicellular organism and a specific multicellular organism. Present your findings in a chart or other visual.
Math Connections! 	**Explain It!** 	**Solve a Problem!** 
Find a way that numbers or math can help you understand something about the size, quantity, or growth of unicellular or multicellular organisms. Explain your connection.	Explain in your own words the main differences between unicellular and multicellular organisms. Give examples of each.	Think about a benefit or a challenge of being unicellular versus being multicellular. Explain your reasoning.
Tell a Story! 	**Create a Visual!** 	**Be the Teacher!** 
Write a short story that features either a unicellular or a multicellular organism as a main character and highlights some of its unique characteristics.	Create a visual that highlights the similarities and differences between unicellular and multicellular organisms.	Explain to someone the basic needs that both unicellular and multicellular organisms share to stay alive. Give examples.

Life's Building Blocks: Single or Team Ideas!

Explore the amazing world of tiny and complex life with these starting points. Remember, you can always come up with your own amazing projects too!

Ask and Investigate 	**Model It!** 	**Be a Data Detective** 
1. Do unicellular organisms move? How could you observe them (with adult help and proper safety)? 2. Do multicellular organisms always have the same shape? How could you show this?	1. Draw a simple diagram showing how cells work together in a multicellular organism. 2. Use blocks to show one unit vs. many connected units (unicellular vs. multicellular).	1. Find out how some unicellular organisms help multicellular organisms (like the ones in your gut!). 2. Research a common illness caused by a unicellular organism. What does it do?
Math Connections! 	**Explain It!** 	**Solve a Problem!** 
1. If a cell doubles every 20 minutes, how many cells will there be in an hour? 2. Compare the size of a very small unicellular organism to the size of a very large multicellular organism (like a whale).	1. What are some of the jobs that cells do in a multicellular organism? 2. How do unicellular organisms get the things they need to survive?	1. Why are multicellular organisms usually larger than unicellular organisms? 2. What are some of the advantages of being made of many cells?
Tell a Story! 	**Create a Visual!** 	**Be the Teacher!** 
1. Write a story about a unicellular organism that lives in a drop of pond water. 2. Tell a story about a group of cells working together to help an animal move.	1. Create a Venn diagram comparing and contrasting unicellular and multicellular organisms. 2. Draw pictures of different unicellular and multicellular organisms and label their key features.	1. Explain to someone how a unicellular organism is different from one cell in your body. 2. Show someone examples of different multicellular organisms and explain how they are organized.