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**Design an Organism**

In this activity, you will pretend that the organisms you are creating have a huge variety of genes that could be adapting to some unusual environments. In nature, living things do occupy nearly every environment that we know of. Living things are very adaptable!

**Materials:** colored pencils, markers or crayons

**Procedures:**

1. Think of an environment. Start by listing the conditions you think will be present.
2. Describe the adaptations and body plan of the organism on the data table. Be sure to think about size, shape, appendages (arms and legs) color, surface etc.
3. Draw the organism in the space provided and explain you work to others in the class either at your table or to the entire class

**First, choose an environment for your organism to survive in. Choose a place that is unique and that you encounter on a daily basis. Some good examples are: movie theater floor, in your locker, in a sandbox, in a pile of dirty laundry, etc.**

My environment is: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| --- | --- |
| **Conditions in my environment:** | **Body plan and adaptations of my organism:** |
|  |  |

**Drawing:** Be sure to include: your organism, the environment, show what it would eat, how it would move, how it would protect itself and how it would reproduce.

**Describe your organism. What adaptations does it have? How does it eat? How does it reproduce?**

1. Movie Theater Floor
2. Inside a Computer
3. Pet Store
4. In Jello
5. Ice Cream Sundae
6. Recycle Bin
7. Your Locker
8. Garbage Dump
9. On a School Bus
10. In Your Pocket
11. In a Cheeseburger
12. In a Sandbox
13. In a Pile of Dirty Laundry
14. Inside your Brain
15. On the Hallway Floor
16. Inside a Car Engine
17. In a Vending Machine
18. In Your Closet