

## *Plants & Animals Activity Bag*

### **“What’s In Your Environment” Game: Student Activity Guide**

Plants and animals need food, air, and water to live. This game will explore how plants and animals get these things from their environment.

The environment is where plants and animals live.

#### **Materials From The Bag**

- 10 Blue Disks
- 10 Green Disks
- 10 White Disks
- Environment Cards
- My Organism Sheet

#### **You Will Need**

- Science Notebook or Student Activity Sheet from the teacher

#### **Game Setup**

Follow your teacher’s instructions. They will help you set up the game.

#### **Part 1: Entire Class Game**

In this part, you will play the game as a class. Follow your teacher’s instructions.

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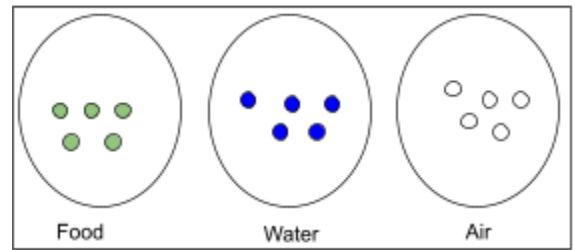
### **Part 2: Independent Game**

In this part, you will play the game yourself.

1. Cut out your environment cards.
2. Mix them up. Turn them face down on your desk.



3. Set up your My Organism Sheet.  
Place five of each color disk in the correct circle.




**My Organism Sheet**

4. Draw a card. Follow the directions on the card.
5. When organisms live and grow, they use air, food, and water. Give one of each disk back to the environment.

6. Look at your My Organism Sheet.  
Record your environment event on your student activity sheet for year 1.

Student Activity Sheet				
Year	Environment Card	Air	Food	Water
1				



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7. Record how many air, water, and food disks you have on your activity sheet. Do you have at least one of each color?
  - a. **YES** - you lived for a year and can pick another card!
  - b. **NO** - You have died.
8. Repeat until you run out of cards or die. Record your environment event after each turn. Record how many disks you have after each turn.
9. How many cards did you use before you died? **This represents the number of years that you survived.**
10. Look at all of the events that happened. Explain which events were helpful and which were not helpful.

*What's happening...*

Every plant and animal has needs to survive. They must get these things from their environment.

### **Part 3: Partner Game**

In this part, you will play the game with a partner. You will share an environment, but you will be your own organism.

1. Shuffle **one set** of environment cards and place them face down on your desk.
2. Both you and your partner set up your My Organism Sheet. Place five of each color disk in the correct circle.
3. Place the other disks on the desk in the middle of you and your partner.
4. Figure out who will go first.
5. Whoever goes first will draw a card and follow the directions. They will complete their turn
6. Next, the other player will draw a card and follow the directions. They will complete their turn.
7. Continue until both of you die. Did you or your partner live longer?

What events helped you or your partner live longer?