

Ecosystem Jenga

Instructions:

- Roll the die. If you roll a 1 or a 6, you have not damaged your ecosystem; therefore, do not remove a block. If you roll a 2, 3, 4, or 5, use the table below to determine which colored block you should remove. **Do not take blocks from the top!**

Number on die	Ecosystem damage
1	No damage
2	Water pollution = blue
3	Animal extinction = red
4	Plant extinction = green
5	Air pollution = yellow
6	No damage

- If you remove a block, set the block aside. **Do not set it back on the tower!** Make a tally mark in your data table by the color of block removed.
- Take turns rolling the die and removing blocks until the tower falls.
- Record the name of the person who last pulled a block before the tower fell.

Color of block	Type of damage	Number of blocks taken first round	Number of blocks taken second round
Blue	Water		
Red	Animal		
Green	Plant		
Yellow	Air		
Totals:	_____		

Discussion Questions

- What components makeup a healthy ecosystem? How do you know?
- What do you think an unhealthy ecosystem looks like? How do you know?
- What are three ways in which non-living parts of the ecosystem can be damaged?
- What does the tower of blocks represent?