

5. What does removing a block represent?

6. How many blocks did you have to remove to destroy your tower during the first round? Would it always be the same every time? Explain your reasoning.

7. Each Jenga contained 54 blocks. If there are an equal number of blocks to represent: the air, water, animals, and plants; then what fraction and percent represent the components in your ecosystem model?

Ecosystem Component	Fraction	Percent
Water		
Air		
Animal		
Plant		

8. Estimate more accurate percentages to show how each component impacts an ecosystem

Ecosystem Component	Percent
Water	
Air	
Animal	
Plant	

9. In this activity, the tower collapses when too many blocks were removed. Is it common for ecosystems to collapse entirely? Explain your reasoning.

10. What are the limitations in the Jenga ecosystem model? What components naturally found in ecosystems are missing from the model?

11. How do humans affect biodiversity and what can we do to reduce human impact?

12. How does biodiversity influence ecosystems resiliency?