

NITROGEN

- What do you know about nitrogen?
- Essential Questions:
 - 1. How does nitrogen flow through an ecosystem?
 - 2. How is nitrogen relevant to living organisms?

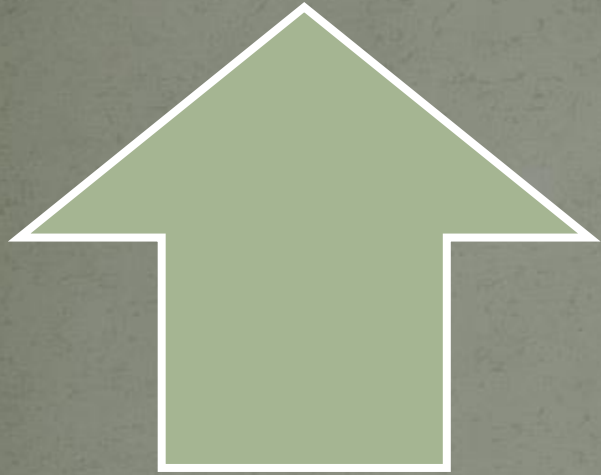
Model the nitrogen cycle:

- Pretend that you are a nitrogen molecule. Roll the die at your table and follow the instructions to continue traveling through the nitrogen cycle.
- Document your travels and collect your passport stamps.

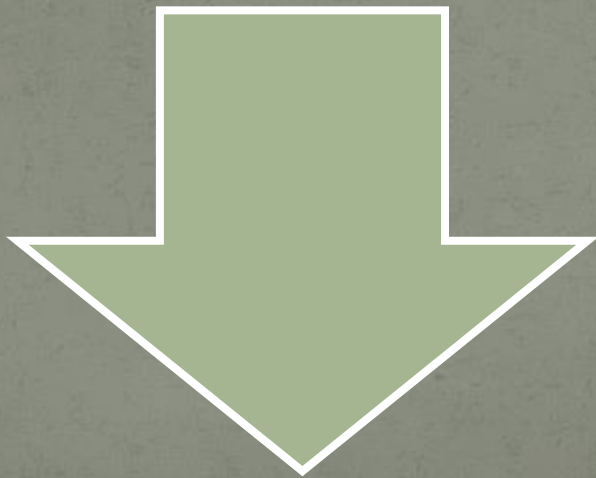
Compare and contrast:

- Find a partner.
- Compare the nitrogen pathways that each of you followed. How are they similar? How are they different?

Evaluate the activity:



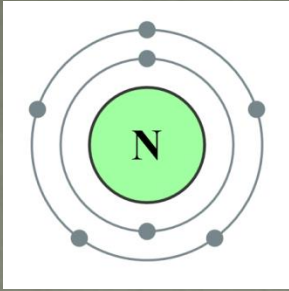
How did this model accurately depict the cycling of nitrogen?



How was this model inaccurate?

Draw Conclusions

- Look at your nitrogen passport paper. **Label** parts of your travel involving abiotic factors and those involving biotic factors.
- What conclusions can you draw about nitrogen in the environment based on the reading you did yesterday and the activity today?
 - (For example: Nitrogen is important in the environment as evidenced by _____)



Essential Questions

- 1. How does nitrogen flow through an ecosystem?
- 2. How is nitrogen relevant to living organisms?