


Name \_\_\_\_\_ Date \_\_\_\_\_ Per \_\_\_\_\_  
preAP Biology

## Traveling Nitrogen Game!

1. Fill out your start location in the space below.
2. Roll the die at your start location to find out where to go next. Write the "Where I'm going" and "How I'm getting there" information in Trip#1 box (as in the example at the right).
3. Head to that location and stamp the Trip#1 box. Then, roll the die at that location to find out where to go next.

<b>Trip #1: Where I'm Going:</b> _____ Surface Water  Stamp above	<b>How I'm getting there:</b>  Fertilizer washed into stream.
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Starting Location:

<b>Trip #1: Where I'm Going:</b> _____  Stamp above	<b>How I'm getting there:</b>
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<b>Trip #6: Where I'm Going:</b> _____  Stamp above	<b>How I'm getting there:</b>
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<b>Trip #2: Where I'm Going:</b> _____  Stamp above	<b>How I'm getting there:</b>
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<b>Trip #7: Where I'm Going:</b> _____  Stamp above	<b>How I'm getting there:</b>
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<b>Trip #3: Where I'm Going:</b> _____  Stamp above	<b>How I'm getting there:</b>
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<b>Trip #8: Where I'm Going:</b> _____  Stamp above	<b>How I'm getting there:</b>
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<b>Trip #4: Where I'm Going:</b> _____  Stamp above	<b>How I'm getting there:</b>
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<b>Trip #9: Where I'm Going:</b> _____  Stamp above	<b>How I'm getting there:</b>
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<b>Trip #5: Where I'm Going:</b> _____  Stamp above	<b>How I'm getting there:</b>
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<b>Trip #10: Where I'm Going:</b> _____  Stamp above	<b>How I'm getting there:</b>
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**Answer the following questions after completing the game.**

1. What would happen if a farmer used too much fertilizer?
2. What would happen if we burnt too many fossil fuels?
3. Livestock farming creates a large amount of animal waste. How would this affect the nitrogen cycle?
4. **Draw and color** a diagram to show **your** path through the nitrogen cycle. Then, **write** a paragraph describing your journey, make sure to include information about (1) where you went, and (2) what form of nitrogen did you take to your destination. *(You may use another sheet of paper to answer this question.)*