

The Nitrogen Cycle Game Passport Worksheet

Name: _____

Directions:

1. Stamp your start location in the space below.


<p>Start location</p> <p><i>Stamp above</i></p>
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2. Roll the die to find out where to go next.
3. Write **How I traveled** in the Trip #1 (see example at right).
4. Go to that station and stamp the Trip#1 **Where I went** box.
5. Then, roll the die to find out where to go for Trip #2.

Guess what! In this game you are a nitrogen atom. You are going to travel the nitrogen cycle stopping in many exciting locations - some of which you probably never have been to before.

For each stop along your journey, remember to record where you went and how you got there.

Here's an example of how to fill out each stop along the way:

<p>Trip#1:How I traveled:</p> <p>Fertilizer washed into stream</p>	<p>Where I went:</p> 
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<p>Trip #1:How I traveled:</p> <p><i>Stamp above</i></p>	<p>Where I went:</p> <p><i>Stamp above</i></p>
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<p>Trip #5:How I traveled:</p> <p><i>Stamp above</i></p>	<p>Where I went:</p> <p><i>Stamp above</i></p>
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<p>Trip #2:How I traveled:</p> <p><i>Stamp above</i></p>	<p>Where I went:</p> <p><i>Stamp above</i></p>
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<p>Trip #6:How I traveled:</p> <p><i>Stamp above</i></p>	<p>Where I went:</p> <p><i>Stamp above</i></p>
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<p>Trip #3:How I traveled:</p> <p><i>Stamp above</i></p>	<p>Where I went:</p> <p><i>Stamp above</i></p>
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<p>Trip #7:How I traveled:</p> <p><i>Stamp above</i></p>	<p>Where I went:</p> <p><i>Stamp above</i></p>
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<p>Trip #4:How I traveled:</p> <p><i>Stamp above</i></p>	<p>Where I went:</p> <p><i>Stamp above</i></p>
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<p>Trip #8:How I traveled:</p> <p><i>Stamp above</i></p>	<p>Where I went:</p> <p><i>Stamp above</i></p>
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Analysis Questions

1. Will your journey ever end? Explain.
2. Was everyone's journey the same? Why or why not?
3. What would happen if a farmer used too much fertilizer? (In this game, that would mean that everyone starts from the fertilizer station at the same time. Hint: Look at the possible destinations after leaving the fertilizer station.)
4. What would happen if we burnt too many fossil fuels?
5. On the diagram draw arrows showing your journey through the nitrogen cycle:

