

DICE CODES

Instructions:

- These pages are for the Traveling Nitrogen activity from Windows to the Universe.
- Print the following dice code pages.
- Cut each reservoir apart.
- Place dice codes at each reservoir stations.

RESERVOIR	POTENTIAL ROUTES
<p>You've arrived at the: Atmosphere</p> <p><i>Stamp your passport and then roll the die to see where you will travel next!</i></p>	<p><u>If your die reads: 1 or 2</u> Lightning strikes! Nitrogen gas is made into a solid and travels to the soil!</p> <p><u>If your die reads: 3</u> Blue green algae and bacteria convert you into a solid bringing you to the soil!</p> <p><u>If your die reads: 4</u> Bean plants extract you from the air and bring you to the soil!</p> <p><u>If your die reads: 5 or 6</u> Some nitrogen can get into the water in clouds and then fall as rain!</p>

RESERVOIR	POTENTIAL ROUTES
<p>You've arrived at the: Surface water</p> <p><i>Stamp your passport and then roll the die to see where you will travel next!</i></p>	<p><u>If your die reads: 1 or 2</u> You are just the sort of nitrogen that plants need to live. You are now within a live plant!</p> <p><u>If your die reads: 3 or 4</u> You travel through the rivers and streams to the ocean!</p> <p><u>If your die reads: 5 or 6</u> You percolate deep underground in the groundwater!</p>

RESERVOIR	POTENTIAL ROUTES
<p>You've arrived at: Rainwater</p> <p><i>Stamp your passport and then roll the die to see where you will travel next!</i></p>	<p><u>If your die reads: 1</u> You fall into a lake or stream so now you are part of surface water.</p> <p><u>If your die reads: 2 or 3</u> You fall on the land and become part of the soil!</p> <p><u>If your die reads: 4</u> You percolate deep underground in the groundwater!</p> <p><u>If your die reads: 5 or 6</u> You rain into the ocean!</p>

RESERVOIR	POTENTIAL ROUTES
<p>You've arrived at: Groundwater</p> <p><i>Stamp your passport and then roll the die to see where you will travel next!</i></p>	<p><u>If your die reads: Odd numbers (1, 3, or 5)</u> The groundwater you are dissolved within travels and you become part of the surface water!</p> <p><u>If your die reads: Even numbers (2, 4, or 6)</u> The groundwater you are dissolved within travels and you become part of the ocean!</p>

RESERVOIR	POTENTIAL ROUTES
<p>You've arrived at: Fertilizers</p> <p><i>Stamp your passport and then roll the die to see where you will travel next!</i></p>	<p><u>If your die reads: 1 or 2</u> You dissolve and wash into the surface water!</p> <p><u>If your die reads: 3 or 4</u> You become part of the soil!</p> <p><u>If your die reads: 5 or 6</u> You are just the sort of nitrogen that plants need to live. You are now within a live plant!</p>

RESERVOIR	POTENTIAL ROUTES
<p>You've arrived at: Soils</p> <p><i>Stamp your passport and then roll the die to see where you will travel next!</i></p>	<p><u>If your die reads: 1</u> You dissolve and wash into the groundwater!</p> <p><u>If your die reads: 2</u> You dissolve and wash into the surface water!</p> <p><u>If your die reads: 3 or 4</u> You are just the sort of nitrogen that plants need to live. You are now within a live plant!</p> <p><u>If your die reads: 5 or 6</u> Bacteria have transformed you into nitrogen gas and you are now part of the atmosphere!</p>

RESERVOIR	POTENTIAL ROUTES
<p>You've arrived at the: Ocean</p> <p><i>Stamp your passport and then roll the die to see where you will travel next!</i></p>	<p><u>If your die reads: 1</u> Look out! Water is on the move! You have washed into the groundwater!</p> <p><u>If your die reads: 2 or 3</u> You are just the sort of nitrogen that plants need to live. You are now within a live plant!</p> <p><u>If your die reads: 4, 5, or 6</u> Bacteria have transformed you into nitrogen gas and you are now part of the atmosphere!</p>

RESERVOIR	POTENTIAL ROUTES
<p>You've arrived at: Live animals</p> <p><i>Stamp your passport and then roll the die to see where you will travel next!</i></p>	<p><u>If your die reads: Odd numbers (1, 3, or 5)</u> The animal that you are within has died. Go to dead plants and animals.</p> <p><u>If your die reads: Even numbers (2, 4, or 6)</u> Congratulations! The animal that you were within has excreted and you are in its waste. Go to animal waste!</p>

RESERVOIR	POTENTIAL ROUTES
<p>You've arrived at: Animal waste</p> <p><i>Stamp your passport and then roll the die to see where you will travel next!</i></p>	<p><u>If your die reads: 1 or 2</u> Look out before someone steps in you! Now you are decomposing in the soil!</p> <p><u>If your die reads: 3 or 4</u> A farm supply company has picked you up and made you into fertilizer!</p> <p><u>If your die reads: 5 or 6</u> What's that in the water? You have dissolved into surface water!</p>

RESERVOIR	POTENTIAL ROUTES
<p>You've arrived at: Dead plants and animals</p> <p><i>Stamp your passport and then roll the die to see where you will travel next!</i></p>	<p><u>If your die reads: 1 or 2</u> You are decomposed and become part of the soil!</p> <p><u>If your die reads: 3</u> You are decomposed and become dissolved in surface water!</p> <p><u>If your die reads: 4</u> You are decomposed and become dissolved in the ocean!</p> <p><u>If your die reads: 5 or 6</u> Forest Fire! The wood you were within is burnt and you have been released into the atmosphere.</p>

RESERVOIR	POTENTIAL ROUTES
<p>You've arrived at: Live plants</p> <p><i>Stamp your passport and then roll the die to see where you will travel next!</i></p>	<p><u>If your die reads: Odd numbers (1, 3, or 5)</u> The plant that you are within has died. Go to dead plants and animals.</p> <p><u>If your die reads: Even numbers (2, 4, or 6)</u> An animal has eaten the plant that you are within! Go to live animals!</p>