
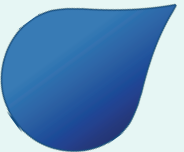

 <p><b>AIR</b></p>	<p>2</p> <p>windy</p> <p>☹️</p> <p><b>windy</b> 0 points</p> <p>No big deal, the wind isn't bad down here (we're short).</p>	<p>3</p> <p>sunny</p> <p>☹️</p> <p><b>sunny</b> -3 points</p> <p>Ouch! It's too bright out here. Where did our canopy go?</p>	 <p><b>SUN</b></p>
<p>1</p> <p>aquatic</p> <p>☹️</p> <p><b>aquatic</b> -3 points</p>	<p>*gasp* Not enough air! We're drowning!</p>	<p>4</p> <p>shady</p> <p>☹️</p> <p><b>shady</b> +3 points</p> <p>We like the shade because our chloroplasts can move around to find the flecks of sunlight.</p>	
<p>7</p> <p>dry</p> <p>☹️</p> <p><b>dry</b> -3 points</p>	<p>So...thirsty...! We're wilting!</p>	<p>5</p> <p>poor soil</p> <p>☹️</p> <p><b>poor soil</b> -1 point</p> <p>We're feeling sick...can we get some NPK nutrients please?</p>	
 <p><b>WATER</b></p>	<p>8</p> <p>wet</p> <p>☹️</p> <p><b>wet</b> +1 point</p> <p>Ahh, we like wet feet.</p>	<p>6</p> <p>rich soil</p> <p>☹️</p> <p><b>rich soil</b> +1 point</p> <p>Yay, we love our vitamins!</p>	 <p><b>SOIL</b></p>



I am a:  
**Coleus**  
*Plectranthus scutellarioides*

Native to Southeast Asia and Malaysia.

**Cool Leaves!**  
Leaves can be green, purple, pink, or even red. The reddish colors serve as sunscreen to protect the leaf from high light.

Chloroplasts (the plant's solar cells) spread out in shade and stack up to protect each other when it gets too bright.

# What's your winning habitat?

Find out where your plant will thrive, and where it can't survive with this origami "fortune teller" game. Then, challenge a friend with a different plant to see who wins where!

**NOTE: only one player moves the origami at a time**

**Player 1:** choose a resource (sun, water, air, or soil)

**Player 2:** move the origami back and forth for each letter in the name "S...U...N"

**Player 1:** choose a number that appears inside

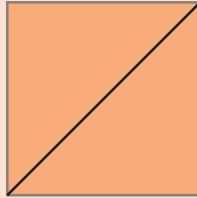
**Player 2:** move the origami back and forth that number of times..."1...2...3...4...5"

**Player 1:** look at the environments showing inside and choose the environment where you think your plant will win... "#3... sunny"

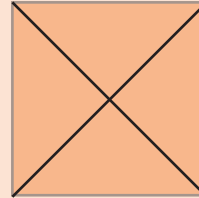
**Player 1 & 2:** check underneath the same environment on each player's origami...the player with the happiest plant (and most points) wins in that environment.

**Switch who is Player 1 and Player 2 and try again!**

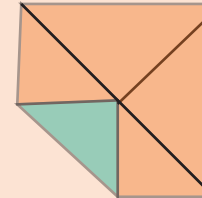
# How to Fold Your Origami "Fortune Teller"



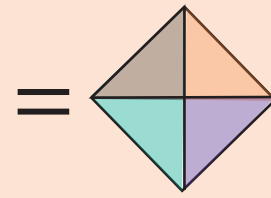
1. fold along diagonal, unfold



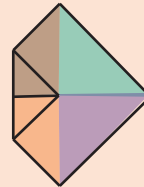
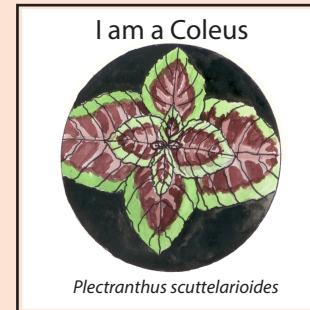
2. fold along other diagonal, unfold



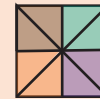
3. fold all corners to the center



4. it should look like this...then flip the whole thing over



5. fold all corners to the center on this side



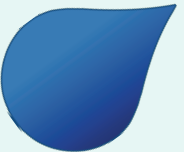


6. it should look like this... then fold in half and slip fingers under the flaps underneath to open



7. you are ready to play!



 <p><b>AIR</b></p>	<p>2</p> <p><b>windy</b></p> <p>☺</p> <p><b>windy</b> +1 point</p> <p>No big deal, I can grow shorter or taller as needed.</p>	<p>3</p> <p><b>sunny</b></p> <p>☺</p> <p><b>sunny</b> +1 point</p> <p>A sunny lawn is a beautiful place to live!</p>	 <p><b>SUN</b></p>
<p>1</p> <p><b>aquatic</b></p> <p>☹</p> <p><b>aquatic</b> -3 points</p> <p>*gasp* Not enough air! We're drowning!</p>	<p>2</p> <p><b>windy</b></p> <p>☺</p> <p><b>windy</b> +1 point</p> <p>No big deal, I can grow shorter or taller as needed.</p>	<p>3</p> <p><b>sunny</b></p> <p>☺</p> <p><b>sunny</b> +1 point</p> <p>A sunny lawn is a beautiful place to live!</p>	<p>4</p> <p><b>shady</b></p> <p>☹</p> <p><b>shady</b> +1 point</p> <p>We don't mind the shade.</p>
<p>7</p> <p><b>dry</b></p> <p>☺</p> <p><b>dry</b> +1 point</p> <p>Thank goodness for long roots!</p>	<p>2</p> <p><b>windy</b></p> <p>☺</p> <p><b>windy</b> +1 point</p> <p>No big deal, I can grow shorter or taller as needed.</p>	<p>3</p> <p><b>sunny</b></p> <p>☺</p> <p><b>sunny</b> +1 point</p> <p>A sunny lawn is a beautiful place to live!</p>	<p>4</p> <p><b>shady</b></p> <p>☹</p> <p><b>shady</b> +1 point</p> <p>We don't mind the shade.</p>
 <p><b>WATER</b></p>	<p>1</p> <p><b>wet</b></p> <p>☹</p> <p><b>wet</b> +1 point</p> <p>Ahh, there's nothing like wet feet.</p>	<p>5</p> <p><b>poor soil</b></p> <p>☺</p> <p><b>poor soil</b> +1 point</p> <p>Ha, ha. We can grow anywhere, even a sidewalk crack.</p>	<p>5</p> <p><b>poor soil</b></p> <p>☺</p> <p><b>poor soil</b> +1 point</p> <p>Ha, ha. We can grow anywhere, even a sidewalk crack.</p>
	<p>1</p> <p><b>wet</b></p> <p>☹</p> <p><b>wet</b> +1 point</p> <p>Ahh, there's nothing like wet feet.</p>	<p>6</p> <p><b>rich soil</b></p> <p>☺</p> <p><b>rich soil</b> +2 points</p> <p>Yay, we love lawn fertilizer.</p>	<p>6</p> <p><b>rich soil</b></p> <p>☺</p> <p><b>rich soil</b> +2 points</p> <p>Yay, we love lawn fertilizer.</p>



I am a:

## Dandelion

*Taraxacum officinale*

Native to Eurasia and North America, now found worldwide.

### Cool Leaves!

Leaves can change size, shape, and thickness, depending on where the plant grows.

The name "Dandelion" is French for "Lion's Tooth," which is kind of what the leaves look like.

Can you find three dandelions growing in different places on your way home today?

# What's your winning habitat?

Find out where your plant will thrive, and where it can't survive with this origami "fortune teller" game. Then, challenge a friend with a different plant to see who wins where!

**NOTE: only one player moves the origami at a time**

**Player 1:** choose a resource (sun, water, air, or soil)

**Player 2:** move the origami back and forth for each letter in the name "S...U...N"

**Player 1:** choose a number that appears inside

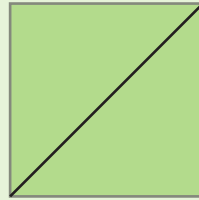
**Player 2:** move the origami back and forth that number of times..."1...2...3...4...5"

**Player 1:** look at the environments showing inside and choose the environment where you think your plant will win... "#3... sunny"

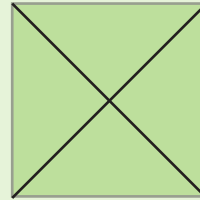
**Player 1 & 2:** check underneath the same environment on each player's origami...the player with the happiest plant (and most points) wins in that environment.

**Switch who is Player 1 and Player 2 and try again!**

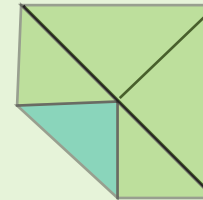
# How to Fold Your Origami "Fortune Teller"



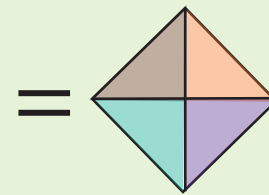
1. fold along diagonal, unfold



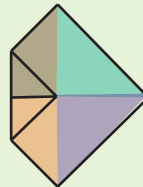
2. fold along other diagonal, unfold



3. fold all corners to the center



4. it should look like this...then flip the whole thing over



5. fold all corners to the center on this side

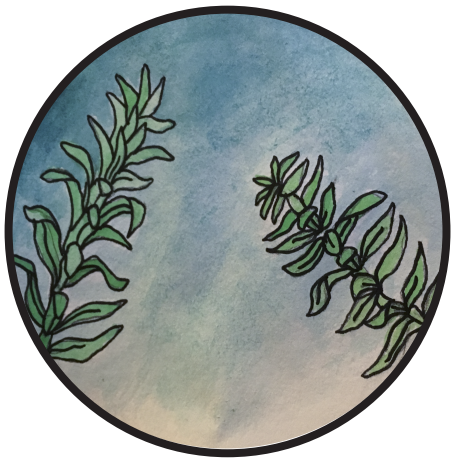
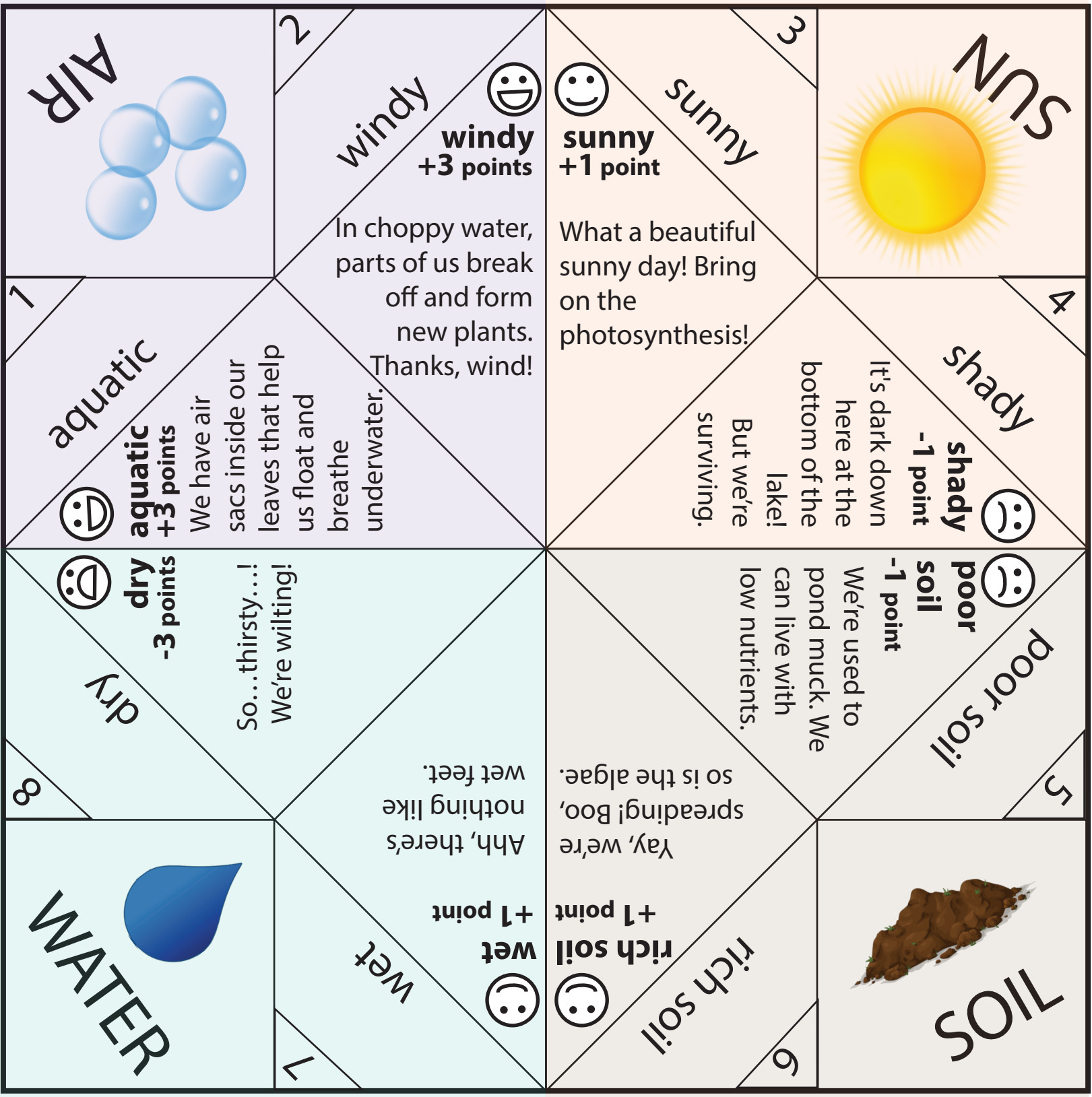


6. it should look like this... then fold in half and slip fingers under the flaps underneath to open



7. you are ready to play!





I am a:  
**Waterweed**  
*Elodea canadensis*

Native to freshwater lakes and ponds in North and South America.

**Cool Leaves!**  
Leaves have air chambers to help them float and elastic stems and leaves attached directly to the stem to keep the plant from falling apart in currents.

When a piece does break off, it can form a whole new plant, the number one way this plant spreads.

# What's your winning habitat?

Find out where your plant will thrive, and where it can't survive with this origami "fortune teller" game. Then, challenge a friend with a different plant to see who wins where!

**NOTE: only one player moves the origami at a time**

**Player 1:** choose a resource (sun, water, air, or soil)

**Player 2:** move the origami back and forth for each letter in the name "S...U...N"

**Player 1:** choose a number that appears inside

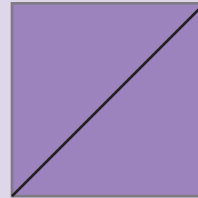
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**Player 1:** look at the environments showing inside and choose the environment where you think your plant will win... "#3... sunny"

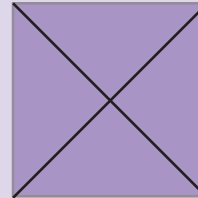
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**Switch who is Player 1 and Player 2 and try again!**

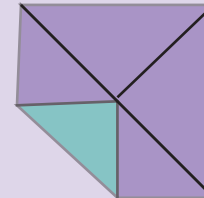
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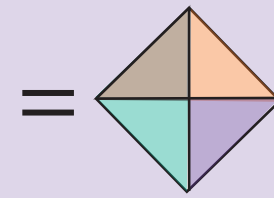
1. fold along diagonal, unfold



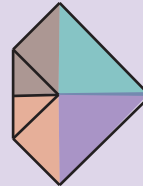
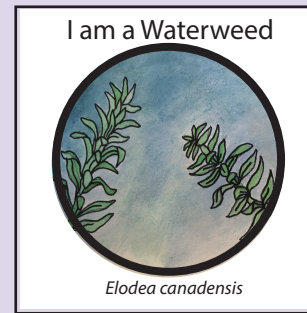
2. fold along other diagonal, unfold



3. fold all corners to the center



4. it should look like this...then flip the whole thing over



5. fold all corners to the center on this side

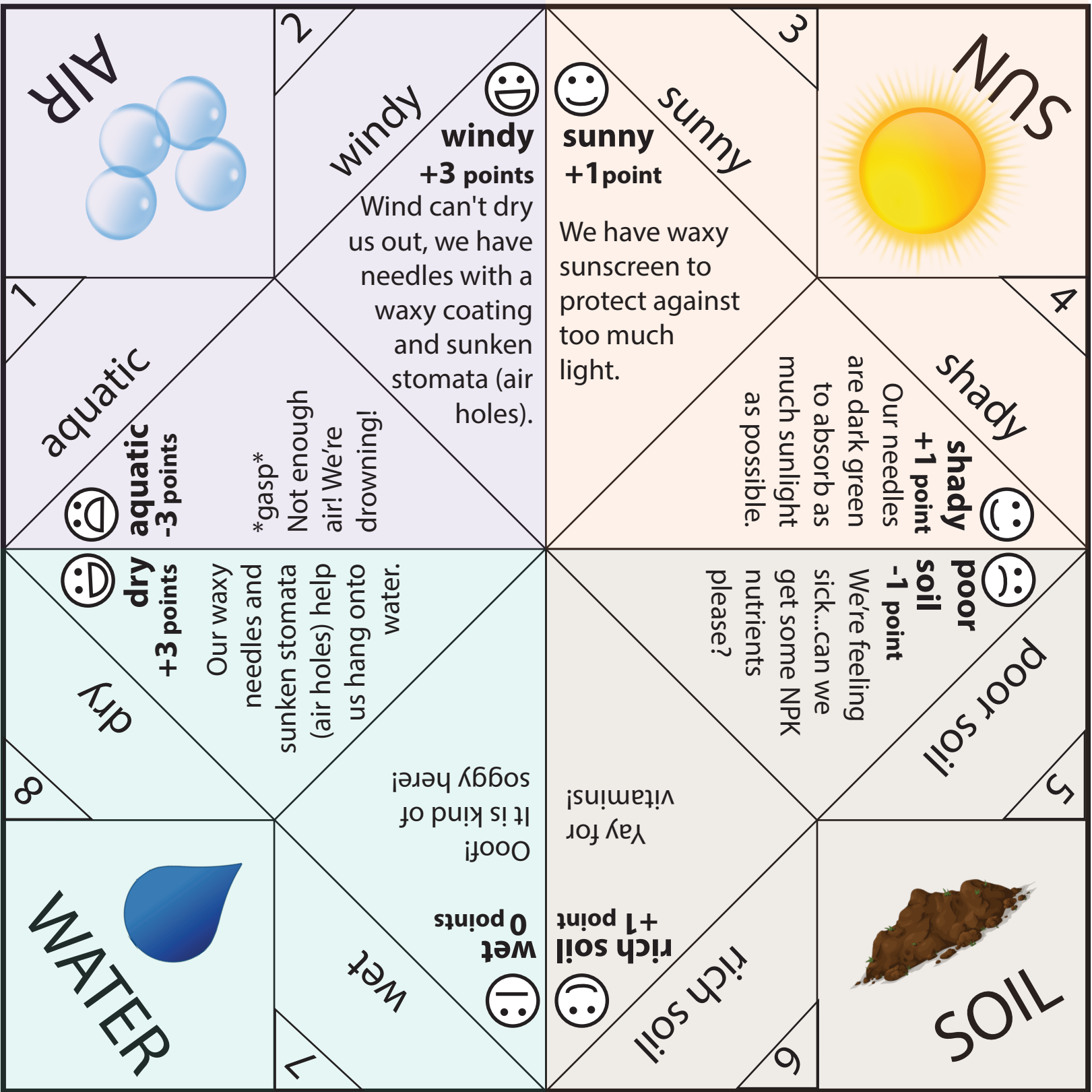


6. it should look like this... then fold in half and slip fingers under the flaps underneath to open



7. you are ready to play!





I am a:  
**White Pine**  
*Pinus strobus*

Native to Eastern North America.

**Cool Leaves!**  
Leaves have a waxy coating and sunken stomata (air holes) to help the plant hang onto water.

The wax also helps act as a sunscreen to protect needles from damaging UV.

# What's your winning habitat?

Find out where your plant will thrive, and where it can't survive with this origami "fortune teller" game. Then, challenge a friend with a different plant to see who wins where!

**NOTE: only one player moves the origami at a time**

**Player 1:** choose a resource (sun, water, air, or soil)

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**Player 1:** choose a number that appears inside

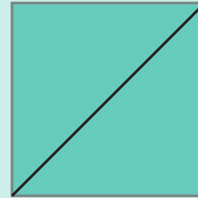
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**Player 1:** look at the environments showing inside and choose the environment where you think your plant will win..."#3... sunny"

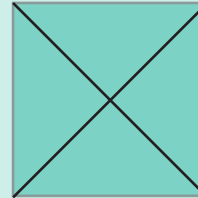
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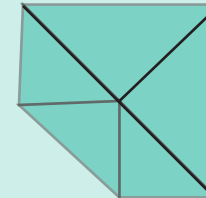
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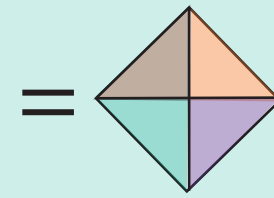
1. fold along diagonal, unfold



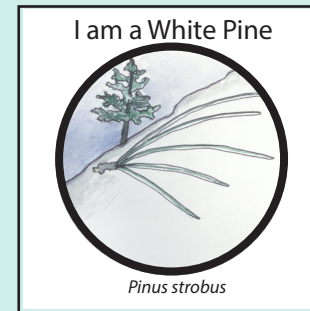
2. fold along other diagonal, unfold



3. fold all corners to the center



4. it should look like this...then flip the whole thing over



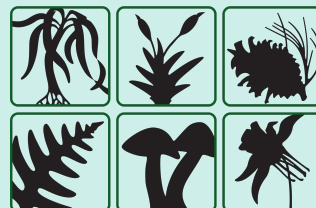
5. fold all corners to the center on this side



6. it should look like this... then fold in half and slip fingers under the flaps underneath to open



7. you are ready to play!




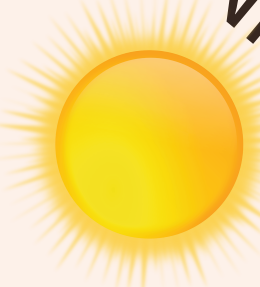






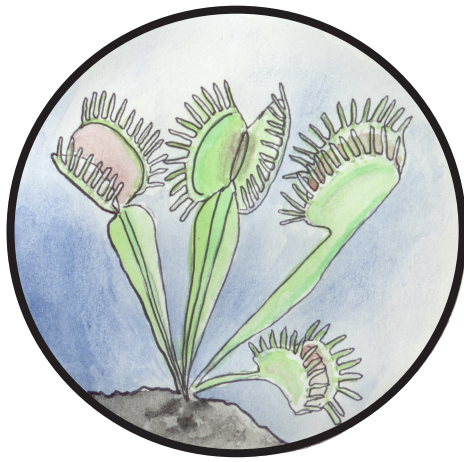
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since 1893



UNITED STATES  
BOTANIC GARDEN



 	<p>2</p> <p>windy</p> <p>windy 0 points</p> <p>No big deal, the wind isn't bad down here (we're short).</p>	<p>3</p> <p>sunny</p> <p>sunny +3 points</p> <p>We make our own sunscreen (it's one reason we get red).</p>	 
<p>1</p> <p>aquatic</p> <p>aquatic -3 points</p> <p>*gasp* Not enough air! We're drowning!</p>	<p>2</p> <p>windy</p> <p>windy 0 points</p> <p>No big deal, the wind isn't bad down here (we're short).</p>	<p>3</p> <p>sunny</p> <p>sunny +3 points</p> <p>We make our own sunscreen (it's one reason we get red).</p>	<p>4</p> <p>shady</p> <p>shady -3 points</p> <p>It's dark in here! Somebody turn on the lights or we'll starve!</p>
<p>8</p> <p>dry</p> <p>dry -3 points</p> <p>So...thirsty...! We're wilting!</p>	<p>2</p> <p>windy</p> <p>windy 0 points</p> <p>No big deal, the wind isn't bad down here (we're short).</p>	<p>3</p> <p>sunny</p> <p>sunny +3 points</p> <p>We make our own sunscreen (it's one reason we get red).</p>	<p>5</p> <p>poor soil</p> <p>poor soil +3 points</p> <p>We catch our own fertilizer... Bugs! Snap, snap.</p>
 	<p>1</p> <p>wet</p> <p>wet +1 point</p> <p>Ahh, there's nothing like wet feet.</p>	<p>6</p> <p>rich soil</p> <p>rich soil -1 point</p> <p>We'd rather eat bugs!</p>	 



I am a:  
**Venus Fly Trap**  
*Dionaea muscipula*

Native to wetlands in North and South Carolina.

**Cool Leaves!**  
 Leaves turn red to protect against sun damage and attract prey.

Leaves snap shut, trap and digest insects for nutrients.

# What's your winning habitat?

Find out where your plant will thrive, and where it can't survive with this origami "fortune teller" game. Then, challenge a friend with a different plant to see who wins where!

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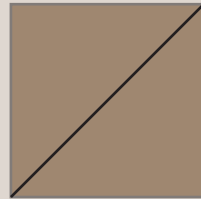
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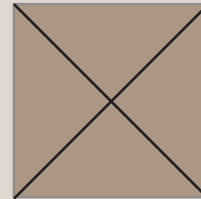
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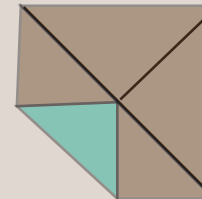
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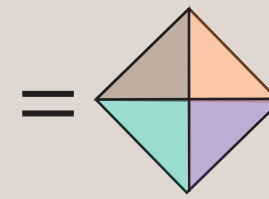
1. fold along diagonal, unfold



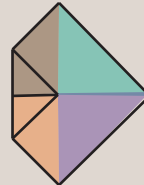
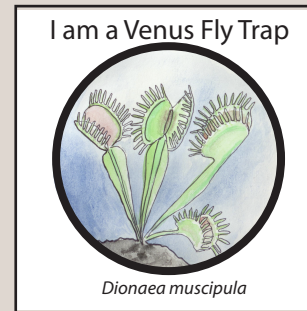
2. fold along other diagonal, unfold



3. fold all corners to the center



4. it should look like this...then flip the whole thing over



5. fold all corners to the center on this side



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