

Your name. \_\_\_\_\_

Name of your design: Stand Strong Tent (Wind-resistant tent)

Make a slogan: Stand Strong Tents For Campers Everywhere!

An organism in nature that inspires you	<u>The Swirl Tree</u>	Design a possible human application	Sketch your idea in the isometric grid paper, add annotations to explain your design
Trait (characteristics of this organism)	<u>The ridges and swirl pattern in the tree trunk</u>		
Function of (a part of) this organism	<u>Swirl makes it wind-resistant and helps spread nutrients</u>	What makes this idea stand out from others?	<u>This idea is creative and original, it is also very useful and different.</u>
Biological strategy of this organism	<u>The swirly pattern in the trunk</u>	What's the <u>design strategy</u> of your design?	<u>The ridges and swirls on tree trunks can help stabilize tents.</u>

The swirls on tree trunks could be a biological model for the design of a wind-resistant tent

Name of your design: The Water Soaker

Make a slogan: "Don't think hard think smart" ✓ "Don't use but make"

<b>An organism in nature that inspires you</b>	<u>furr of a dog</u>	<b>Design a possible human application</b>	<b>Sketch your idea in the isometric grid paper, add annotations to explain your design</b>
<b>Trait (characteristics of this organism)</b>	<u>furr from the dog body.</u>		
<b>Function of (a part of) this organism</b>	<u>Soak water up,</u>	<b>What makes this idea stand out from others?</b>	<u>Its simple and easy and a useful creative Design to use for camping.</u>
<b>Biological strategy of this organism</b>	<u>The material of the dog furr to soak water up</u>	<b>What's the design strategy of your design?</b>	<u>1. get Dog furr from online - Probably 2. make a good size ball 3. make sure it's water proof.</u>

Dog furr could be a biological model for the design of Type of camping Spong

Name of your design: \_\_\_\_\_

Make a slogan: \_\_\_\_\_

<b>An organism in nature that inspires you</b>	A leaf	<b>Design a possible human application</b>	<b>Sketch your idea in the isometric grid paper, add annotations to explain your design</b>
<b>Trait (characteristics of this organism)</b>	Weather resistant and wind resistant	<b>What makes this idea stand out from others?</b>	
<b>Function of (a part of) this organism</b>	you can't get wet	that's made from natural objects	
<b>Biological strategy of this organism</b>	weather resistant	for the weather to fall on the side	

\_\_\_\_\_ could be a biological model for the design of \_\_\_\_\_

Name of your design: Non Slip Grip Shoes

Make a slogan:

<b>An organism in nature that inspires you</b>	Pine Cone	<b>Design a possible human application</b>	<b>Sketch your idea in the isometric grid paper, add annotations to explain your design</b>
<b>Trait (characteristics of this organism)</b>	the grip pinecones have	<b>What makes this idea stand out from others?</b>	it skin hasn't been invented
<b>Function of (a part of) this organism</b>	grip so you don't slip	<b>What's the design strategy of your design?</b>	to make it more grippy
<b>Biological strategy of this organism</b>	when its warm it opens and fragile and when its cold its hard and with grip		

Pine cones

could be a biological model for the design of grip shoes

Name of your design: Dry tent

Make a slogan: Spiral your water away with the Drytent!

<b>An organism in nature that inspires you</b>	Spiral tree	<b>Design a possible human application</b>	<b>Sketch your idea in the isometric grid paper, add annotations to explain your design</b>
<b>Trait (characteristics of this organism)</b>	Spirals on its trunk		
<b>Function of (a part of) this organism</b>	Wind resistance and distributing water	<b>What makes this idea stand out from others?</b>	<ul style="list-style-type: none"><li>• it collects water</li><li>• the water is controlled, it does not flow all over the place</li></ul>
<b>Biological strategy of this organism</b>	<ul style="list-style-type: none"><li>• it spirals the wind away</li><li>• The water goes down the spiral towards the roots</li></ul>	<b>What's the design strategy of your design?</b>	the water is collected on top and it flows to the buckets

The spiral tree could be a biological model for the design of The Drytent

Name of your design: \_\_\_\_\_

Make a slogan: \_\_\_\_\_

<b>An organism in nature that inspires you</b>	spiral tree	<b>Design a possible human application</b>	<b>Sketch your idea in the isometric grid paper, add annotations to explain your design</b>
<b>Trait (characteristics of this organism)</b>	distributes wind energy		
<b>Function of (a part of) this organism</b>	<sup>s</sup> to distribute wind energy	<b>What makes this idea stand out from others?</b>	influenced by nature
<b>Biological strategy of this organism</b>	distributes energy	<b>What's the design strategy of your design?</b>	

\_\_\_\_\_ could be a biological model for the design of \_\_\_\_\_

Name of your design: Aquadog - includes towel, female & male, limited breeds.

Make a slogan: Homesick to home, go anywhere & everywhere

<p><b>An organism in nature that inspires you</b></p>	<p>Silver carpet leaves dog</p>	<p><b>Design a possible human application</b></p>	<p><b>Sketch your idea in the isometric grid paper, add annotations to explain your design</b></p>
<p><b>Trait (characteristics of this organism)</b></p>	<p>It's water resistance for homesick kids, fluffy.</p>	<p><b>What makes this idea stand out from others?</b></p>	<p>Because we used both plant &amp; animal inspirations to create an item that helps homesick kids feel at home. Also, it has the function of being water proof &amp; being able to go anywhere.</p>
<p><b>Function of (a part of) this organism</b></p>	<p>Help homesick kids, make them feel at home.</p>	<p><b>What's the design strategy of your design?</b></p>	<p>First Aquadog gets wet, you get your towel that we provide. Shake it and it will be dry.</p>
<p><b>Biological strategy of this organism</b></p>	<p>The biological strategy is that the dog &amp; the leaf have the same need to get rid of water. They both are fluffy. The dog has the physical appearance but the leaf provides the function of being water proof.</p>		

Silver carpet & dogs could be a biological model for the design of Aquadog includes towel

Name of your design: ECO sturdy

Write a slogan: Standing in the wild

<b>Organism in nature that inspires</b>	horntoeum leaf	<b>Design a possible human application</b>	<b>Sketch your idea in the isometric grid paper, add annotations to explain your design</b>
<b>Key characteristics of organism</b>	foldable leaves		
<b>Function of (a part of) this organism</b>	sturdy during photosynthesis	<b>What makes this idea stand out from others?</b>	Sully customizable
<b>Biological strategy of this organism</b>	flexibility of the leaf	<b>What's the design strategy of your design?</b>	

\_\_\_\_\_ could be a biological model for the design of \_\_\_\_\_