

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)	The ridges and swirl pattern in the tree trunk		
Function of (a part of) this organism	Swirl makes it wind-resistant and helps spread nutrients	What makes this idea stand out from others?	This idea is creative and original, it is also very useful and different.
Biological strategy of this organism	<u>The swirly pattern in the trunk</u>	What's the design strategy of your design?	The ridges and swirls on tree trunks can help stabilize tents.

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"

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

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

Name of your design: _____

Make a slogan: _____

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

An organism in nature that inspires you	<u>Pine Cone</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 grip pinecones have</u>		
Function of (a part of) this organism	<u>grip so you don't slip</u>	What makes this idea stand out from others?	<u>it skin hasn't been invented</u>
Biological strategy of this organism	<u>when its warm it opens and fragile and when its cold its hard and with grip</u>	What's the <u>design strategy</u> of your design?	<u>to make it more grippy</u>

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!

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

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

_____ 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

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

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

Name of your design: ECO-sturdy®

Make a slogan: Standing in the wild

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

_____ could be a biological model for the design of _____