

# Nature Researcher

Sample functions to brainstorm from:

- protect from water
- protect from wind
- protect from dirt
- protect from impact
- protect from predators
- supportive structure
- gather resources
- store resources
- communicate
- maintain community

I notice	I wonder...	It reminds me of...	It inspires me to...
a trait of an organism	what can its function be	something human can also use/need	use it as a biological model to design... (draw & explain your idea)
<p>they grow in layers</p> <p>the inside is spiky</p>	<p>protect you from harsh winds and is waterproof</p> <p>help heal burns</p>	<p>wind shelter blinds</p> <p>Whale's fin</p>	<p>create a shelter wall with layers that can open for the sun to shine inside</p> <p>create lotion that helps burns</p>

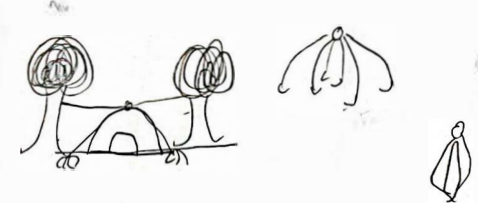
long  
dry  
grass




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long, dry, grass that prevents wind	be stacked or used <del>as</del> to catch wind	to catch wind behind the plant even when dead	create a hedge made of long, silicone straws

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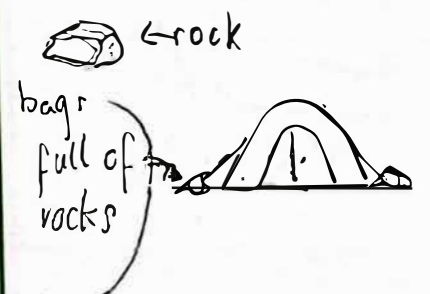


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a trait of an organism	what can its function be	something human can also use/need	use it as a biological model to design... (draw & explain your idea)
Roots	keeping trees and plants still in the ground	Tent resistance hook	 <p>claws to keep tents in the ground</p>  <p>contracts for space efficiency</p>  <p>claws/roots in ground</p>

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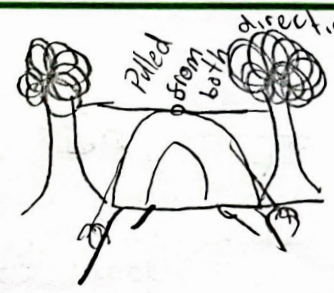


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Rocks are heavy	Holding down tents so they don't fly away		





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Flower  Way it grows	growing upside down allows it to use less energy	Keeping the tent firmer and from the ground.	
 the colour of a leaf	camouflage	hiding from animals	

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a trait of an organism	what can its function be	something human can also use/need	use it as a biological model to design... (draw & explain your idea)
that leaves protect the gate against the wind	If protects cars	blinds	to protect <del>cars</del> tents

a trait of an organism

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a trait of an organism

what can its function be

something human can also use/need

use it as a biological model to design...  
(draw & explain your idea)

that  
also  
looks  
like a  
whales  
fin

If it has  
the same  
function  
as whales

wind turbines

that its  
are fluffy

If it feels  
have side  
kicks

teddy bears

make waterproof  
teddy bears  
because it is  
fluffy & water  
proof