

1. The name of our design is...

STAND STRONG TENT

With this design, we solve the challenge of... not having water-proof tent & not having enough water.

Our slogan is... Stand StrongTents for campers everywhere!

2. When we look at nature, we notice the (name of the organism) spiral tree

We are inspired by its (characteristics of that organism that inspired your design)... spiral trunk

3. We think this characteristic serves the function of... collecting & distributing water & wind resistancy.

This function can help solve the problem of... water loss & strong winds.

4. We discover that (organism) can be a biological model for the design of... (our design)

spiral tree waterproof tent,

Our design looks like... (describe its shape, structure, and special features) a tent with ridges & 2 buckets to collect water.

Among all our other ideas, this design is the most special. It borrows ideas from nature and solves the design challenge because it...

1. is water resistant
2. is wind resistant
3. it can collect water

1. The name of our design is...

The Water Shaker

With this design, we solve the challenge of...

protecting a tent from wind and rain.

Our slogan is...

Don't think hard, think smart.

2. When we look at nature, we notice the (name of the organism)

the long fur Dog

We are inspired by its (characteristics of that organism that inspired your design)...

Its fur and how it shakes

3. We think this characteristic serves the function of...

it shakes water off

This function can help solve the problem of...

wet puddles in the tent

4. We discover that (organism) can be a biological model for the design of... (our design)

Dog could be a biological model for the design of ours.

Our design looks like... (describe its shape, structure, and special features)

a battery inside and outside is a ball up

Among all our other ideas, this design is the most special. It borrows ideas from nature and solves the design challenge because it...

1. water proof
2. useful to save water.
- 3.

1. The name of our design is... **Drytent**

With this design, we solve the challenge of... **keeping your camp dry**

Our slogan is... **keep dry with our sky-dry tent!**

2. When we look at nature, we notice the (name of the organism) **spiral tree**

We are inspired by its (characteristics of that organism that inspired your design)... **Spirals**

3. We think this characteristic serves the function of... **channeling water and wind resistance**

This function can help solve the problem of... **getting soaked & water loss**

4. We discover that (organism) can be a biological model for the design of... (our design)

the spiral tree

the Drytent

Our design looks like... (describe its shape, structure, and special features)

spiral poles and a box on the roof with foldable buckets.
a Party tent with

Among all our other ideas, this design is the most special. It borrows ideas from nature and solves the design challenge because it...

1. **It is water resistant. It is water resistant**

2. **Saves water**

3. **Turns away wind**

1. The name of our design is... Non Slip grip shoes

With this design, we solve the challenge of... Slipping in ~~road~~ on the floor

Our slogan is... Saving Humanity from Slipping

2. When we look at nature, we notice the (name of the organism) Pinecones

We are inspired by its (characteristics of that organism that inspired your design)... the grip of the Pinecones

3. We think this characteristic serves the function of... not slipping

This function can help solve the problem of... Slipping

4. We discover that (organism) can be a biological model for the design of... (our design)

Pinecones

the non slip grip shoes

Our design looks like... (describe its shape, structure, and special features)



Among all our other ideas, this design is the most special. It borrows ideas from nature and solves the design challenge because

1. it helps stop slipping
2. it uses the feature of a pinecone
3. it's easy to make

1. The name of our design is...

AquaDog.

With this design, we solve the challenge of...

homesick kids, water resistance and wind resistance.

Our slogan is...

homesick, to home, go anywhere and everywhere!

2. When we look at nature, we notice the (name of the organism)

silver carpet leaves and the animals that have fur.

We are inspired by its (characteristics of that organism that inspired your design)...

waterproof abilities and the fur. The fur has tiny hairs that protect the leaf from rain.

3. We think this characteristic serves the function of...

The tiny hairs are so small the rain can't go through.

This function can help solve the problem of...

water resistance.

4. We discover that (organism) can be a biological model for the design of... (our design)

the dog. AquaDog.

Our design looks like (describe its shape, structure, and special features)

A teddy bear-dog.

Among all our other ideas, this design is the most special. It borrows ideas from nature and solves the design challenge because it...

1. solves the problem of water resistance.
2. solves homesickness.
3. solves the problem of being appealing.

1. The name of our design is... treebine

With this design, we solve the challenge of... no energy in forests

Our slogan is... capture the energy

2. When we look at nature, we notice the (name of the organism) spiral tree

We are inspired by its (characteristics of that organism that inspired your design)... spiral design

3. We think this characteristic serves the function of... ~~distributing the wind~~
capturing wind

This function can help solve the problem of... no energy in forests

4. We discover that (organism) can be a biological model for the design of... (our design) treebine
spiral tree

Our design looks like... (describe its shape, structure, and special features) a tree that captures wind to
create energy

Among all our other ideas, this design is the most special. It borrows ideas from nature and solves the design challenge because it...

1. Sturdy
2. creates energy
3. Cheap

ution
ch

1. The name of our design is... The red tree I

With this design, we solve the challenge of... having an umbrella and a hammer R

Our slogan is... Not get wet - stay dry R

2. When we look at nature, we notice the (name of the organism) A leaf I

We are inspired by its (characteristics of that organism that inspired your design)... impermeable R

3. We think this characteristic serves the function of... Not getting wet and you can't I

This function can help solve the problem of... getting wet R

4. We discover that (organism) can be a biological model for the design of... (our design)

Our design looks like... (describe its shape, structure, and special features) an umbrella, with cones in the top so the water falls to the ground I

Among all our other ideas, this design is the most special. It borrows ideas from nature and solves the design challenge because it...

- 1.
- 2.
- 3.



Solution Pitch

1. The name of our design is...

Eco sturdy®

With this design, we solve the challenge of...

Rain and wind resistance

Our slogan is...

Standing strong with nature

2. When we look at nature, we notice the (name of the organism)

hornbeam leaf

We are inspired by its (characteristics of that organism that inspired your design)...

ability to be stiff during photosynthesis and flexible in wind.

3. We think this characteristic serves the function of...

withstanding high winds.

This function can help solve the problem of...

damage caused by wind, not having enough energy, collects rainwater

4. We discover that (organism) can be a biological model for the design of... (our design)

We discover that Hornbeam leaves and Eco sturdy

Our design looks like... (describe its shape, structure, and special features)

A foldable ~~roof~~ ^{roof} putted on a house, and there are solar panels on the roof. There is a chimney for when people cook something. It also collects rainwater

Among all our other ideas, this design is the most special. It borrows ideas from nature and solves the design challenge because it...

1. Deflects wind
2. Collects ~~wind~~ ^{rainwater} as well as solar energy
3. It's very compact and portable