

# Nature Inspires Invention

There's many tools and gadgets in the home which help us with various tasks using up and down motion or rotation.

**Be an invention detective:** Hunt out objects or appliances which use movement to improve or convert something in your home.

- Make before and after drawings of up to 3 found inventions illustrating the change.
- Use arrows to describe the movement which creates the transformation.

1. Before	2. Movement	3. After
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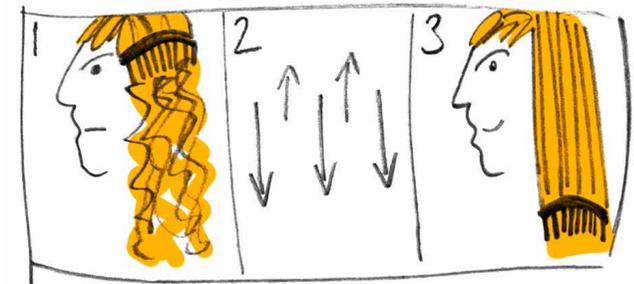
1. Before	2. Movement	3. After
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The **Comb Star-Fish** has small spines along the length of it's arms which remove debris from the body surface and help with burying into the sand.

Maybe the shape and function of the tooth comb was inspired by this sea creature.



Up & Down



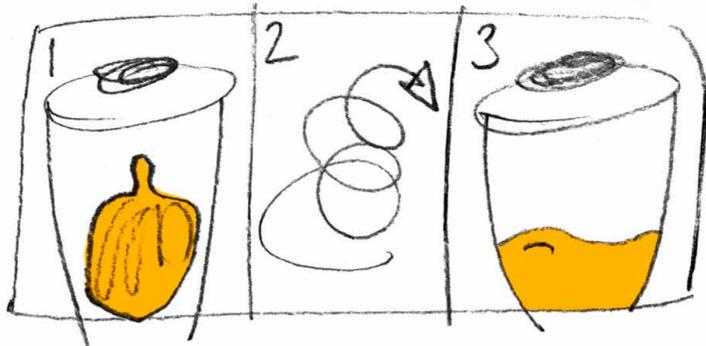
# Nature Inspires Invention cont.

The desert dwelling **Wheel Spider** is known for its ability to cartwheel away from predators at a speed of 44 revolutions per second.

That's quite a spin!

Could this have inspired the action of a blender?

Rotation



1. Before	2. Movement	3. After

