

## Catch The Wave

Have you ever watched water during a storm? The waves crash with enormous energy. Wave energy can be converted into kinetic energy which can then be converted into electricity. Make your own wave energy!

You will need:

- A piece of stiff wire about 1 foot long
- A sharp pencil
- A modeling knife
- A large pan of water
- 5 corks
- Buttons
- A knitting needle or skewer

Ask an adult to heat a knitting needle and make a hole 2/3 of the way along the top of each cork. Thread the wire through the corks, adding a button or a bead between corks. Check that the corks can turn freely. Bend up each end of the wire to keep the corks in place. Place your line of corks in a large pan of water. Hold them on the surface of the water with one hand while you make waves with the other. What happens to the corks?



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