

# Making Waves!



## Materials:

- Shallow baking tray
- Modelling clay
- Straw
- Water
- Toy boats, legos, etc.
- Small rocks, shells, etc.

**Set Up a Model Beach!** Use play-doh or modelling clay to mould a beach on one end of a tray. Make sure it slopes gently into the water area. Fill the tray with a shallow layer of water. A portion of your model beach should remain above water!

**Create Waves!** Gently blow on the water to create waves that move towards your beach. Try using a plastic straw to generate “wind”. Place toy boats in the water, observe how the waves interact with the beach and boats.

**Engineer!** Place a mound of rocks in the middle of the water. Try different designs to create a harbor. Harbors shelter boats from waves.

