Three things to make and do



² Build sand sculptures

Grab a bucket and spade, and create some amazing artwork at the beach.

What you need

Large bucket

 Tools for sculpting: for example a spade, fork, ice cream scoop, metal straw, spatula or paintbrush

How does it work? Building the perfect sand

sculpture requires some science knowledge. Sand castles hold together because water forms little bridges between grains of sand, sticking them together. Surface tension – an invisible force between water particles, which is strong enough for some insects to walk across the surface - pulls on grains of sand, keeping them together. Studying the process of how sand sculptures work helps scientists understand the forces acting on soil and rocks during an earthquake.

Head to your local beach. Take all of the tools you need to build your sand sculptures. Make sure you wear sunscreen on sunny days and take a hat.
The key to a sturdy sand castle is the perfect mix of sand and water. Start with a bit of sand in the bottom of the bucket, then add water, then more sand and more water until your bucket is full.

Find a space that is out of people's way and where your creation won't be washed away by the waves before you're finished. Drop the bucket of wet sand on the ground and mould it into whatever shape you like.
You could start with an ocean creature like a turtle or dolphin. Use your tools to help you shape it. Finishing off by brushing with an old paintbrush will give your sculpture a professional look.



۲

sandcastle was 21 metres high, around the height of four giraffes on top of

each other.

۲

SETTY IMAGE