




Science & Design and Technology

Here are some ideas to help you to have fun with your child at home:

At Home

- Cooking with your child. Follow simple recipes to create delicious snacks and treats. Plan and make healthy meals together including lunches to take to work and school. Evaluate your creations. Ask questions such as; Do I like it? What would I do next time? How could I adapt this recipe? Get friends and family to try your food and give their opinions too. Investigate freezing and melting with different solid and liquid foods.
- Explore sounds- Can you make your own musical instrument? What happens to the sound when you move away? What sounds can you hear inside and out? Can you make it make a quiet and a loud noise? Making string telephones, how do they work?
- Design and make your own purse or bag. What materials will you use? What is going to be put in it? Talk about your finished bag/purse with an adult; did you follow the design? What changes did you make? Does it work?
- Design and make paper aeroplanes or follow some simple origami patterns.
- Can you create your own shadow puppet theatre? How do we make shadows?

At the Beach

- Go rock pooling. What can you find? Can you identify things that are living/non-living/were never alive?
 - Can you find materials that would be suitable to make a small boat or raft?
 - Can you build a sandcastle that someone can stand on without it collapsing?
 - Can you draw your/someone else's shadow in the sand?
 - Find 5 interesting things each. Can you identify them? Take some home to find out more about them. Can you find objects of a certain colour?
 - Can you move across the pebbles without making a sound?
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At the Beach (continued)

- Design and make a kite to fly on the beach. What makes your kite move? Can you see anything which also uses the power of wind to move?
- Put a stick in the sand at the tide's edge. Go back and place more sticks every 30 minutes. What do you notice?
- Make a shoebox world.

The Great Outdoors

- Plant and watch grow either plants or vegetables from seeds or bulbs? This can be done in flower pots, old wellies, or even yoghurt pots if you don't have access to a garden. Collect seeds from fruits or vegetables that you have eaten then design and make seed packets to keep them in.
- Make posters to put up at home to tell members of the family about what can be collected for recycling and composting.
- Go on a mini-beast hunt. What can you find out about the creatures you have found?
- Make and keep a weather diary. Measure rainfall - keep a weather diary – which day has the most/least rain/cloud cover/sun etc.?
- Make a sun dial.
- Make habitats for different animals that may visit your garden.
- In the woods- How many different leaves can you collect? How many can you identify? Go on a seasonal senses walk.
- Make a shoebox world

Useful Websites-

www.woodlandtrust.org.uk/

fun.familyeducation.com/slideshow/activities

<https://www.pinterest.com/>

www.bbcgoodfood.com/recipes/collection/kids-baking

<http://www.bbc.co.uk/bitesize/ks1/science/>