

Sustainable Home Learning and Play

These activities are designed for going to a safe outdoors space such as a garden or local park. If this is not possible every activity has an indoors adaptation below. For more ideas and video demonstrations join our Facebook group www.facebook.com/groups/2947052738685771/

All

Week 11
Whatever the
Weather.



Solar Kettle.

Homes and shelters are adapted to suit their environment and use the locally available resources. Can you create a shelter for living in the desert, the jungle, the savannah or somewhere else? Get inspiration from our Global Homes resource.

Evaporation investigation.

What happens to the rain after the rain? Find out for yourself... Sprinkle water on a hard surface in the sun, and a hard surface in the shade. Chalk a line around the damp patch and time how long it takes to evaporate in each area.

Measuring Microclimates

Different spaces feel warmer and colder, wetter and drier, windier and calmer. This investigation lets you investigate, measure and record the different climates you find around your local area – try comparing your garden with the local park!

How much does it rain?

One plastic drink bottle. Cut around it about 10cm down from the cap, remove the lid. turn it upside down. Pop it back into the bottle and tape in place. You now have a rain gauge! Prop it outdoors and see how much rain you collect in a day!

The Greenhouse Effect

There's been lots of discussion during lockdown about the response of the world to the reduction in greenhouse gases. This simple demonstration shows the physical process that enables our world to sustain life - the greenhouse effect.

Natural Weather Forecasting

What can the natural world tell us about weather forecasting? Before satellites and weather presenters how did we know what was coming?! Look at what clouds tell us about the weather. See how plants respond to physical conditions. Identify animal behaviours, weather patterns and more.

For more resources visit www.ltl.org.uk/free-resources

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