Curriculum Links for Home Learning

Tree-mendous

BHee
Brighton & Hove environmental education

Getting outdoors has been found to be beneficial for our physical health, mental well-being and it is completely free. It's also a great place to learn!

If you are wondering how to cover the curriculum whilst home-schooling or working in your school grounds with key worker children, here are some outdoor learning ideas that can help. Some can be done in your garden or from a window, others as part of your permitted daily outdoor exercise, following the latest government advice on social distancing and self isolation. We hope these activities will also encourage you to connect with the natural world, notice the wonderful wildlife all around you and have fun.

Maths ~ Leaf Maths

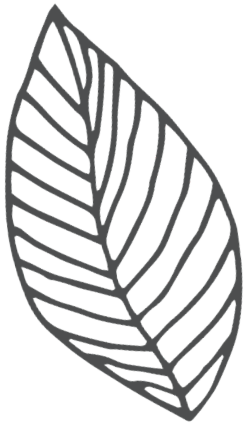
Can you work out the length, perimeter and areas of different leaves?

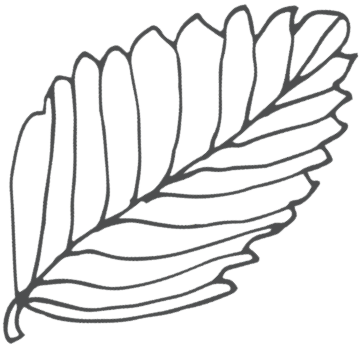
Hint – a ruler, string and squared paper may help.

Do the longest leaves always have the largest area and perimeter?

Download tree ID sheet

sussexwildlifetrust.org.uk/learning-resources





Science ~ Shake it up

Shake a branch of a bush or a tree into a white pillowcase. Look inside or tip onto a light coloured tray to find out what creatures live on that branch.

Can you identify and draw any of them?

Download insect ID sheet

sussexwildlifetrust.org.uk/learning-resources



Literacy ~ STICKY WORDS

Can you form the letters of the alphabet out of sticks?

If that's too easy – try spelling some tricky words using sticks. You could try these tricky nature words – camouflage, pupae, nymph, species, chlorophyll.

Can you describe what they all mean?

Geography ~ Muddy Landscape

Build a natural landscape in your garden or in a tray using mud, clay or sand.

Use natural materials to add hills, trees, rivers, villages etc.

Imagine you are seagull flying over this landscape. What would it look like from a birds eye view?



Music ~ Nature's Music

Bang different sticks together. Do they all make the same sound? What makes the sound higher or lower?

Can you build a xylophone using different length sticks? It helps if you lay two large sticks on the ground first and balance the other sticks on top. This allows the sound to vibrate better.

History ~ Theseus & the Minotaur

In this Ancient Greek story, King Minos built a maze to stop the minotaur killing the villagers.

You could create a maze out of sticks or other natural materials to contain the minotaur.

You could draw a picture of Theseus on a stone and guide him safely through your maze so he can defeat the minotaur.



PE ~ Fresh Air and Exercise

Get up really early and enjoy exercising with an adult before lots of other people are about. Experience the sights, sounds and smells of the early morning and enjoy the peace, calmness and clean air, now there are not so many cars on the road.

ITC ~ Nature Photography

Take your camera or phone out with you on a walk and try taking pictures of wildlife.
Can you take close ups?
Can you get a good shot of a flying insect?
Can you take a picture of something common from an interesting angle?

You can find tips on nature photography here

sussexwildlifetrust.org.uk/phototips

DT ~ Make a Bird Feeder

Birds still need feeding in Spring, especially when feeding their young. Make sure you avoid whole peanuts as they are not good for baby birds.

Make your own bird feeder

sussexwildlifetrust.org.uk/outdoor-activity-sheets

If you are feeling more creative, you might be able to make a hanging bird feeder out of an old plastic milk bottle or tetrapac.

Art ~ Natural Sculpture

Gather together some natural materials that you find on the ground. Can you arrange them (exploring shape, colour, texture and pattern) to make a piece of art that others will enjoy?

You might like to take inspiration from other 'land artists' like Andy Goldsworthy, David Nash, Agnes Denes and Chris Drury who designed the grass maze in Hove Park.

Just for fun ~ Kestrel Cam

Watch our young Kestrel chicks, filmed previously, as they leave their nest box.

sussexwildlifetrust.org.uk/kestrelcam

For more ideas of things you can do at home

sussexwildlifetrust.org.uk/gowildathome

Show us what you have been doing, upload your photos here

sussexwildlifetrust.org.uk/homelearning

BHee Brighton & Hove environmental educati · Brighton & Hove City Council · resourcefutures · Sussex Wildlife Trust · The Living Coast Brighton & Lewes Downs UNESCO World Biosphere Region

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