

NATURE

CU Learning Provider: RSPB

[Feed the birds in your garden with your very own Bird Café](#)

Feeding the birds is one of the easiest and most enjoyable ways to give our feathered friends a hand, especially in winter when food is harder to find.

This activity will help you make a bird food cake and a loo roll feeder. Hang them from your garden trees, or on your balcony and watch your neighbourhood birds discover them.

Wild birds are understandably timid at first, but especially in the depths of winter, these seedy treats won't last long.

Remember to take a photo of you making the cake or loo roll feeder, and maybe a photo or drawing of the birds who come for a meal.

[Read how to keep your garden birds healthy](#) for important information about cleaning feeders and bird baths, to keep the birds that use them healthy.

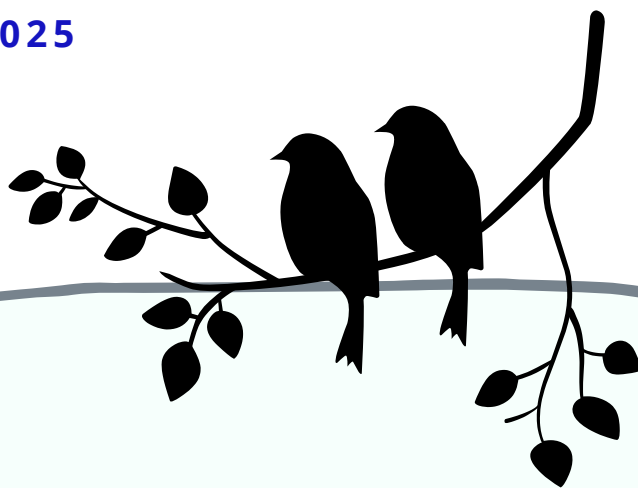
Stay safe

- If you're allergic to nuts, leave out the peanuts and make sure your bird seed doesn't contain any nuts.
- Be careful when using the scissors.
- Ask an adult to help if you need to.

[Read full Instructions on how to make a bird food cake](#)



1 credit per activity completed



Big Garden Birdwatch 2025

Join us 24 - 26 January

<https://www.rspb.org.uk/whats-happening/big-garden-birdwatch>

Download your free online resource pack and join us in spending an hour to count the birds we see in our garden.

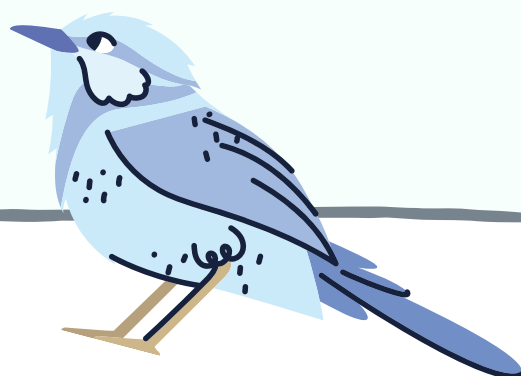
You don't need a garden to join in, you can do this in on a walk, in the park or just looking out of your window.

Paw Print Bird watching

<https://pawprintfamily.com/wp-content/uploads/2021/02/Birdwatching-Challenge-Badge-Activity-Pack.pdf>

Grab your binoculars, find the bird feeders and get spotting! Fancy yourself as the next Bill Oddie?

The Birdwatching Challenge is here to help you enjoy a host of feathery fun and frolics!



THE HIVE'S CHILDREN'S UNIVERSITY CLUB

SPRING 1 2025

MATHS

Family Fun

Try out these fun Maths activities at home.

Maths Fun From our Friends at The SCIENCE MUSEUM

Shape Detectives (KS1)

<https://learning.sciencemuseumgroup.org.uk/resources/shape-detectives/>

This activity involves cutting out templates and looking through the openings to find these shapes in the real world.

[Shape Detectives template](#)

Bottle Top Shapes (KS1)

<https://learning.sciencemuseumgroup.org.uk/resources/bottle-top-shapes/>

Shapes and patterns can be found all around us – from flowers to footballs and seashells to staircases. In this activity, simple lines drawn on bottle tops or jam jar lids provide a fun way into the wonderful world of geometry.

[Download Activity Sheet:](#)



1 credit per activity completed



MATHS

Family Fun

Try out these fun Maths activities at home.

Bubble Geometry (KS2)

<https://learning.sciencemuseumgroup.org.uk/resources/bubble-geometry/>

Geometry is the study of shapes and their properties. This activity makes use of geometry in observing the shapes and angles soap bubbles create when they join together.

[Download Activity Sheet](#)

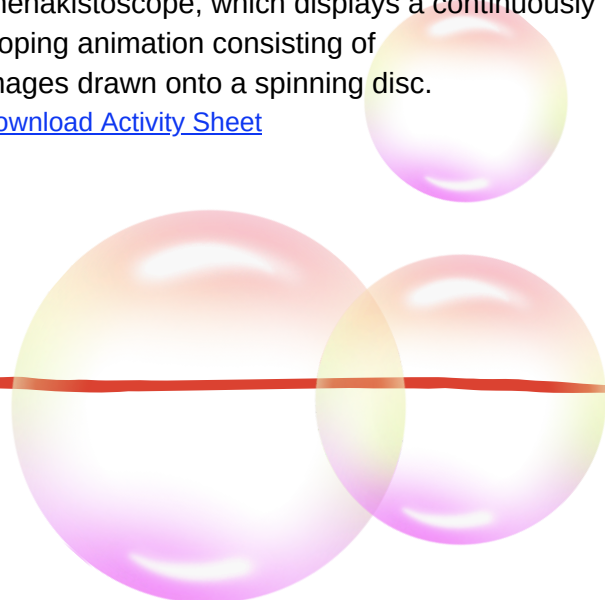
Make an Animation (KS2)

<https://learning.sciencemuseumgroup.org.uk/resources/make-an-animation/>

An animation is made up of a sequence of still images shown in rapid succession, each image slightly different from the last.

This activity involves making a device called a phenakistoscope, which displays a continuously looping animation consisting of images drawn onto a spinning disc.

[Download Activity Sheet](#)



THE HIVE'S CHILDREN'S UNIVERSITY CLUB

SPRING 1 2025

ART

Tate Britain Tate Kids has a wide range of activities to support children's learning in Art, including things to make and create as well as videos and quizzes around art appreciation.

<https://www.tate.org.uk/kids>

Paint and Draw

PAINT LIKE TURNER

Learn the styles and techniques of this famous painter. Turner often used watercolours to create his paintings. Follow these steps and have a go!

<https://www.tate.org.uk/kids/make/paint-draw/paint-turner>

MAKE MARBLED PAPER WITH FOAM

Make swirly patterned prints using multisensory shaving foam

<https://www.tate.org.uk/kids/make/paint-draw/make-marbled-paper-foam>



ART

Cut and Paste

COLLAGE A MATISSE SNAIL

Get creative with shapes and make a Matisse inspired collage. Matisse would listen to music as he worked. To get the creative juices flowing put on the radio and let the fun times begin.

<https://www.tate.org.uk/kids/make/cut-paste/collage-matisse-snail>

LEARN TO WEAVE

Be inspired by the artist Anni Albers, make a loom and weave some art to hang on your wall!

<https://www.tate.org.uk/kids/make/cut-paste/learn-weave>

You will need:

Coloured wool (3 or 4 colours is best)

Scissors, ruler, lolly sticks, cellotape & glue,

2 cardboard strips (15cm x 3cm) and piece of cardboard (15cm x 18cm)

Sculpture

MAKE A UNICORN PUPPET or ANOTHER IMAGINARY BEAST

<https://www.tate.org.uk/kids/make/sculpture/make-unicorn-puppet>

Dig in the recycling bin to find your materials

WHAT YOU NEED

Two empty loo rolls or a kitchen, towel roll, tape, string, glue stick, two lollypop sticks to hang the puppet from 4 bottle tops for the feet, a piece of old tin foil, scissors, pens or coloured pencils. white paper, a pin or thumb-tack, any other bits you want to decorate with (we used a few paper straws to cover the string for the legs, and a googly eye!)



1 credit per activity completed

THE HIVE'S CHILDREN'S UNIVERSITY CLUB

SPRING 1 2025

SCIENCE

Have some fun at home with these science activities from Science Sparks and the Primary Science Teaching Trust

<https://pstt.org.uk/resources/science-fun-at-home/>

Here are a few suggestions of activities to try at home:

Properties & Uses of Materials, States of Matter
Liquid Science

Learn about viscosity of different liquids.

Outdoor Learning, Practical Science, Science Enquiry | 5-7, 7-9, 9-12

Plants, Properties & Uses of Materials
Science Flowers

The power of flowers (paper and real).

Outdoor Learning, Practical Science, Science Enquiry | 5-7, 7-9, 9-12

Forces, Properties & Uses of Materials
Sink or Swim

Will it float or sink?

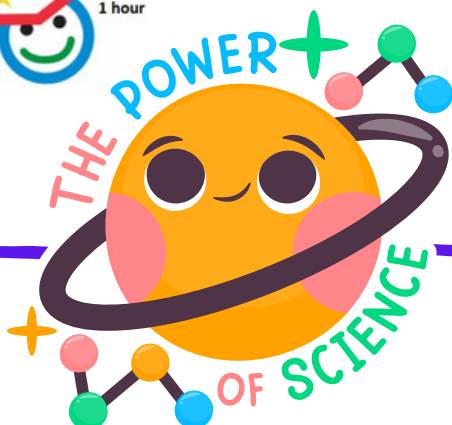
Outdoor Learning, Practical Science, Science Enquiry | 5-7, 7-9, 9-12

Forces, Properties & Uses of Materials
Egg-citing Science

Will an egg float?

Outdoor Learning, Practical Science, Science Enquiry | 5-7, 7-9, 9-12

1 credit per activity completed



WELLBEING

ootiboo Discover You - Be Yourself

Discover You uses the Mr. Men and Little Miss characters to help children explore and understand emotions through engaging stories and activities.

The Discover You book series encourages emotional intelligence by offering relatable examples and tips to manage feelings like happiness, shyness, and anxiety.

For Be Yourself you'll need to think about what makes you, you!

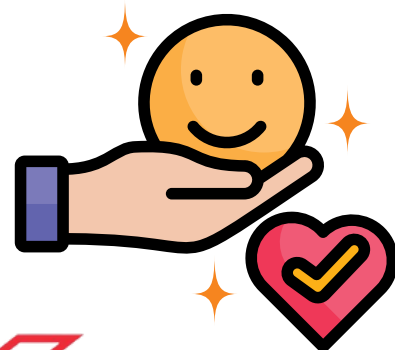
You can find out all about this activity at <https://play.ootiboo.com/discover-you-be-yourself> You can get your stamp for taking part by contacting ootiboo!



ootiboo Discover You - Be Kind

Mr. Happy really loves making his friends happy by doing kind deeds. It's great to do things that make you happy, but you should think about how these actions make others feel as well.

<https://play.ootiboo.com/discover-you-be-kind>



1 credit per activity completed

THE HIVE'S CHILDREN'S UNIVERSITY CLUB

SPRING 1 2025

PAWPRINT CHALLENGES

Pawprint Rainy Day Challenge

<https://pawprintfamily.com/product/rainy-day-challenge-pack/>

It's raining, it's pouring, the old man in snoring... Whether you want to stay dry or jump around in puddles, there is so much fun to be had on a rainy day!



Pawprint Chinese New Year Challenge

<https://pawprintfamily.com/product/chinese-new-year-snake-challenge-pack/>

Wishing you all prosperity and happiness in this Snake year!

This pack is full of ideas for oriental themed fun to get you celebrating Chinese New Year Spring Festival and learning about the qualities of the Snake

Pawprint World Book Day 2025

<https://www.worldbookday.com/resource/world-book-day-2025-pawprint-challenge-pack/>

Pawprint Challenge have joined up with World Book Day to bring you this special badge that celebrates reading and supports World Book Day's mission to inspire everyone to read, love books and Share A Story.

1 credit per activity completed



COMMUNITY ACTION

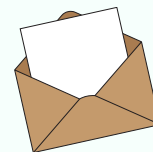
HIVE CHALLENGE:

GET SOCIALLY ACTIVE!

Talk to your friends and family about the things that you like and the things you want improved in your local area. Make a list and decide which is the most important good and bad thing to you.

When you have made your choice, write a letter to your MP and explain what you think needs improving and why, as well as what you really like too.

[How to contact your Local MP](#)



SOCIAL ACTION

Fairtrade Foundation:

Thank You For The Chocolate

[A story about thanking the people who make our food.](#)

The Fairtrade Home Learning Challenges are a great opportunity to explore with learners many issues that face our global society. Each film has eight activities to choose from that are very varied, from creative challenges, geographical research or scientific experiments.

Every challenge includes at least one activity you can complete outside. The films themselves cover a variety of subjects, but generally focus on a different food product and the story behind its production.

[Download Story PDF](#)

[Challenge Sheet](#)



1 credit per activity completed

