

Pathway 2 – Our World

This week we are looking at nature and being outside. Don't forget to take pictures of what you have made.



Build a Bird's Nest

Introduction

Sit very quietly. What can you hear? The chances are that a bird will be somewhere nearby. Where does that bird live? Birds use their beaks to weave materials together to build a nest. This STEM challenge encourages you to use your clever fingers to do the same.



You will need:

- sticks and twigs of different sizes
- feathers
- leaves
- bark
- straw
- grass

Key Questions

- What material will you use? Why did you choose that material?
- How will your nest stay firm and stable?
- Where would the best place be to build a nest?

What to do:

1. Set the scene by showing pictures or models of birds. The RSPB have resources available linked to the Big Bird Watch or use these [British Birds Display Photos](#).
2. If you were a bird, where would you choose to live? What materials would you need to build your home? Do you know what a bird's home is called? It might be possible to handle a bird box or even a real nest.
3. Once you've established that birds live in nests, consider what materials they might use to build their nest. You could have a selection of materials to choose from. Try including some red herrings! Expect justification for choices made. For example, leaves and feathers are soft; small sticks are easier to carry in a beak.
4. Now it's time to collect your nest building material. You may prefer to have piles of resources ready to choose from. Alternatively, allow children to collect materials from a designated area. Remember - only collect material from the ground. It is best not to pull leaves and snap branches from trees. You could always have extra material on hand.

Can you find things in the garden or on your walk to the park to make a photo frame?

Nature Photo Frames

You will need:

- four large sticks or twigs
- a selection of stones
- a selection of flower heads and stems
- grass
- a selection of leaves
- petals



The Activity:

1. Go on a nature treasure hunt around your garden or near to your home. Allow your child to be creative and search out lots of different items, collecting as many items and colours as possible.
2. Decide with your child what material they would like their photo frame to be made out of. It could be made from sticks, flower stems, wooden planks or even lots of small stones. It could even be a mixture of different items, depending on what you find.
3. Create your photo frame making a square shape.
4. Using your collected items, create a picture inside your photo frame. Your child could create a portrait of themselves or a picture of something that makes them happy e.g. a pattern, a place, another person or an animal.



Can you make your own hopscotch?

Make Your Own Hopscotch

You will need:

- a collection of stones
- a driveway, patio or pavement area



What To Do:

Go on a treasure hunt for stones in your garden or near your home. Try to collect stones that are different colours and textures.



Find an area of patio, driveway or pavement and try out each stone to see which one is best for leaving a mark. You could try out different patterns, like the ones [here](#).




























Once you have found the best stone for drawing, use it to draw and number a hopscotch grid.

Throw a smaller stone to land on number one.

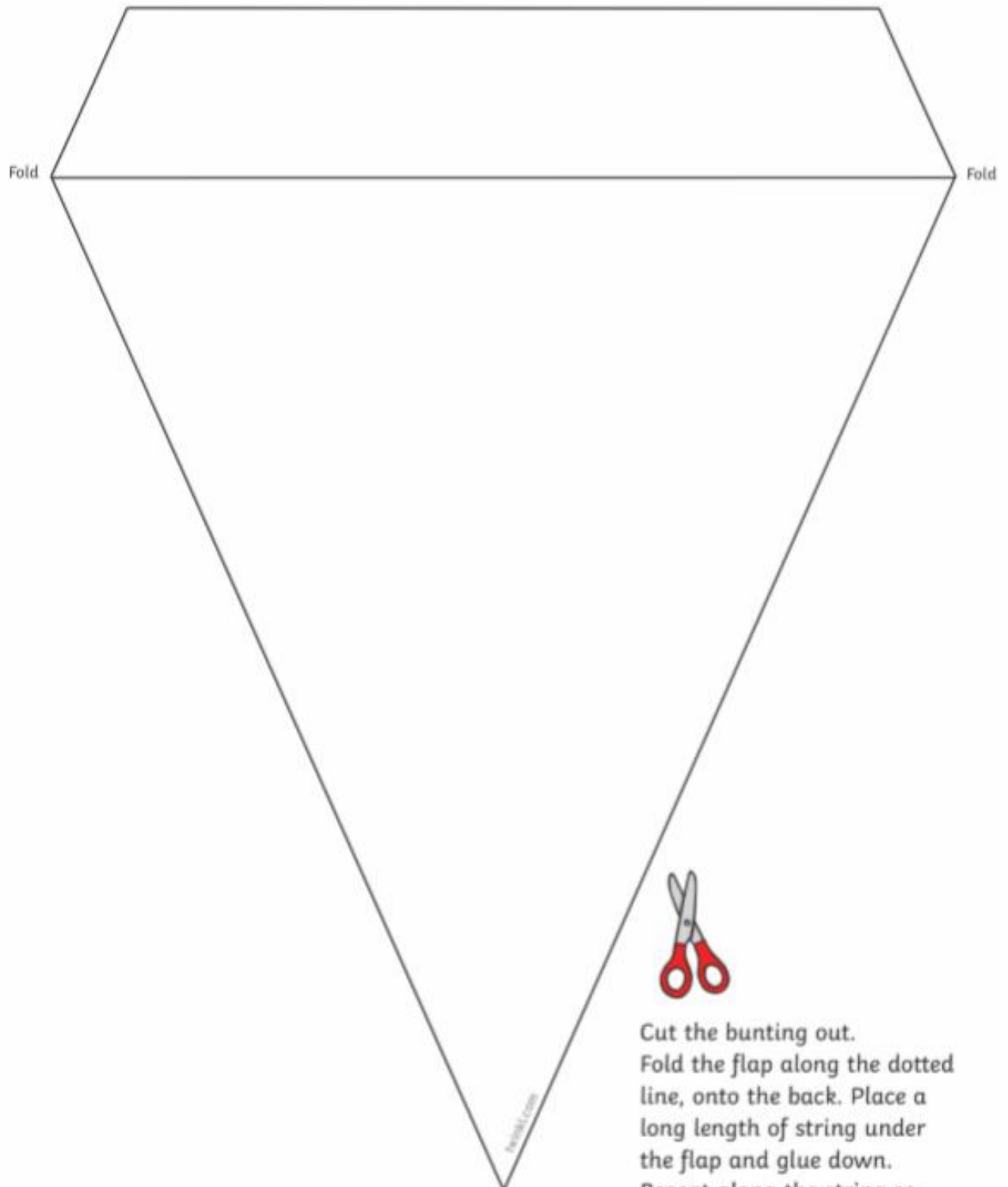
Nature scavenger hunt. Can you find, see, feel, or hear any of these when you go in the garden or out for a walk?

Nature Walk Scavenger Hunt

Mark each item as you find it. Can you find five in a row?

worm  <input type="checkbox"/>	leaf  <input type="checkbox"/>	insect  <input type="checkbox"/>	grass  <input type="checkbox"/>	flower  <input type="checkbox"/>
twig  <input type="checkbox"/>	bush  <input type="checkbox"/>	rocks  <input type="checkbox"/>	bird  <input type="checkbox"/>	squirrel  <input type="checkbox"/>
river  <input type="checkbox"/>	field or meadow  <input type="checkbox"/>	tree  <input type="checkbox"/>	cloud  <input type="checkbox"/>	spider  <input type="checkbox"/>
dirt  <input type="checkbox"/>	ant  <input type="checkbox"/>	butterfly  <input type="checkbox"/>	mushroom  <input type="checkbox"/>	dew  <input type="checkbox"/>
web  <input type="checkbox"/>	breeze  <input type="checkbox"/>	branch  <input type="checkbox"/>	nest  <input type="checkbox"/>	stones  <input type="checkbox"/>

Making bunting. Can you make a chain of bunting of some of the things you have found in the garden or on your walk? These can be thing you have seen, felt or heard. Print or draw out at least 6 pieces of bunting. Fold the top over some string and hang them up.



Cut the bunting out.
Fold the flap along the dotted line, onto the back. Place a long length of string under the flap and glue down.
Repeat along the string so you make a string of bunting.