

Maths focus for the week

- Identify 2D shapes on 3D shapes
- Identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line

**In Maths this week I would like your child to develop their understanding of 2D and 3D shapes. Please practice recognising, naming and describing the properties of each shape listed below.**

**2D: rectangle, square, circle, rhombus, hexagon, pentagon and triangle**

**3D: cuboid, cube, cylinder, square based and triangular based pyramid, prism and sphere**

Shape activities for the week:

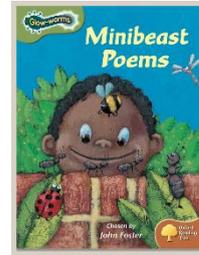
- Use the **2D shapes** and **3D shapes** sheet (you only need to use the shapes listed above) to either print and cut out your shapes or you can have a go at drawing the shapes with a ruler. Colour your shapes in.
- Look carefully at the spellings and use paper or card to make separate labels for your shapes.
- Play a matching game to pair the correct labels to the 2D and 3D shapes.
- Can you invent a game using your new shape pictures and word cards?
- Draw and write about each shape to describe their properties.
- Make or print out some 2D shapes. Talk about the word 'symmetry' and think carefully about what a 'line of symmetry' shows. Fold your shapes in different ways to find different lines of symmetry. Record the lines of symmetry using a coloured pencil and a dashed line.
- Can you compare which shapes have more/less lines of symmetry?

Please follow the link to find a problem solving activity – Colouring Triangles

<https://nrich.maths.org/171>

## Literacy

Literacy this week is going to be based on two books called **'Bushcraft'** and **'Minibeast Poems'**



All children can have access to this free e book online. I have created a class log in via the Oxford Owl website which gives us access to a free library. I will be using these to help focus our work each week so we are all accessing the same stories.

Please use the link: <https://www.oxfordowl.co.uk/for-home/find-a-book/library-page/>

Click on 'My Class Log in' and sign in using:

Username: HighBickington

Password: ClassTwo

Click on 'My bookshelf' and in the top right tool bar type in the books for the week. You will then see the book on the self. Click it to read. You can zoom into the text to enlarge it if you need to.

### Activities based on Bushcraft:

- Read the book Bushcraft with an adult.
- Use the suggested questions in the back of the book.
- Discuss how the book is set out and talk about how you could use some ideas of layout for your own book.
- This week I would like your child to spend the week creating a scrapbook which includes their own Bushcraft/outdoor learning experiences. If possible I would like you to choose 5 different activities from the list below which can be hosted safely at home/garden or in a local woodland/outdoor space (if safe to do so in line with Government Guidelines)
- Each day I would like your child to take part in one activity which they can then write up and include in their scrapbook. They need to write at least half a page to explain the activity, what they did and anything they discovered. Please encourage your child to include photos, drawings and/or diagrams on each page to accompany their writing. Be creative with presenting your books and your child can even create a front cover.

### Possible outdoor learning activities:

Build a shelter – Use natural materials outside to build your own shelter.

Mini beast hunt – Look carefully for different mini beasts and identify them.

Flower/petal string weaving – Use flower petals and leaves which you may find on the floor to thread onto a piece of string or use them to wave in and out of a wool web structure.

Potion making – Select different smelling leaves and petals to add to water and crush to make a potion.

Tree/plant identifying – Look around at the different plants and trees and identify them. Try some bark and leaf rubbings.

Nature trail – Make a nature trail for your family to follow.

**Find more ideas to choose from on the Woodland Trust Website:**

<https://www.woodlandtrust.org.uk/blog/2020/03/kids-nature-activities-self-isolation/>

Activities based on Minibeast poems:

- Read the poems with an adult
- Focus on the rhyming poems and pick out words which rhyme
- Choose a poem to learn and recite it to your family
- Write a short poem inspired by your outdoor learning this week

Spelling:

Keep practising your common exception word spellings. These are words which you should eventually know off by heart and they will really help you in your writing.

**Remember** – Use your interests to create your own projects as well including practising musical instruments, art, building, cooking etc. Continue to enjoy spending time together and don't forget to exercise, it's great for your mental health 😊

The activities suggested can be adapted in any way you see fit and should help to provide some structure to the day.