

Maths

The maths focus for this week will be on patterns:

Collect natural materials from your garden or on a local walk. Find sticks, leaves, pebbles or grass etc.

- Make a simple pattern using two different objects.
- Create patterns using at least three objects.
- To create a complex pattern, include objects that repeat twice in a row.
- Ask your child to sort the materials by different categories e.g. colour, different sized leaves or sticks. Can they make a pattern by using colour or size?
- Using 9 sticks of all the same length, how many triangles can they make that all join together? Can they show it in a different way?

More counting challenges:

- Can you find 5 objects that are red?
- Can you count how many doors you have in your home?
- Can you count how many windows?
- How many footsteps does it take for you to get from your living room to your kitchen?
- What other challenges can you think of?
- Look for two different items around the house, in the garden or on your walk and get your child to say which one is big/small or tall/short.
- Making some patterns, you could do this with different colours of paper, using pens, using paint (see the edible paint recipe if you need some ideas to make your own!), chalk outside, or any other way you can think of! Start with a simple pattern (red,blue,red,blue) and then make it harder. These are some pattern songs we listen to in class - <https://www.youtube.com/watch?v=hoFhVdYsmPg>

<https://www.youtube.com/watch?v=PxGECfyD49U>

Sensory activity

<https://theimaginationtree.com/frozen-dinosaur-eggs-sensory-play/> - Frozen Dinosaur Eggs Sensory Play is an activity from The Imagination Tree. This is an imaginative play activity that could also be turned into a science activity which is great for children that love dinosaurs. This activity can be used to explore different temperatures, finding ways to release the dinosaurs from the 'eggs' and looking at how objects change physically. You will need balloons, mini dinosaur figures and water. Do not add glitter if you need this to be taste-safe. If you don't have dinosaurs why not try other animals that come from eggs such as reptiles and birds.

<https://childhood101.com/sensory-play-with-rosemary-rice/> - Childhood 101 created a sensory activity idea called Sensory Play with Rosemary Rice for children to explore the feeling of the rice and rosemary and also the smell of the rosemary in the air as they play. This is taste-safe although supervision is encouraged to ensure your child doesn't try to eat raw rice. You will need raw rice, a little bit of food colouring and rosemary

(fresh or dried). Your child can explore the feel of the rice as well as use different containers and kitchen spoons to move the rice around practicing motor skills.