

Maths Challenge Cards

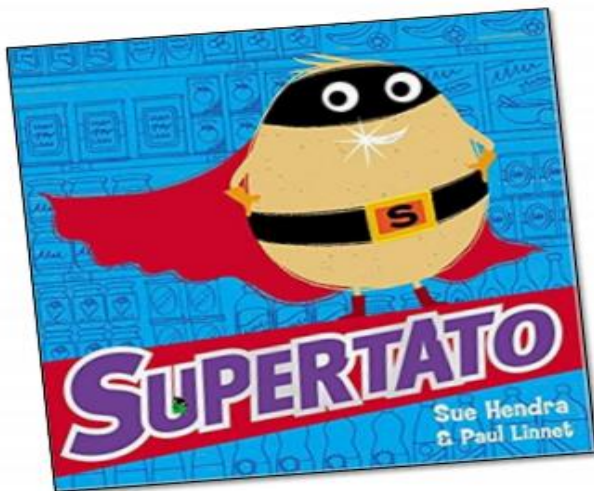
The maths challenge cards are short activity ideas that can fit into your day and will help your child see maths as fun.

You can repeat each activity as many times as your child wants to. Feel free to change the ideas to suit your child's interests, what you have in your house and their current level of development. If your child wants to represent their thinking on paper let them do so in their own way. For example they might not want to write numbers, but they might want to draw to communicate their mathematical thinking.

We encourage you to share any ideas you have for maths challenges so that our collection of cards can grow and we can learn from one another.

Starting with a Story

Reception



Potato Pattern Prints

Create superhero-like art by printing with your potatoes! Use different colours to make patterns. You might want to assemble other veggies and use them to print with!



Starting with a Story

Reception

Talking Together

Grown ups please help your child to cut potatoes in half.

(Remember you can use up the sprouty ones for this!)



If you can, pick potatoes of different sizes so you can talk about large and small designs.

If using other veg talk about what size and shape you think that might make e.g. a carrot, a circle - a big circle at the top and a little one if we use the bottom.

Find some colours of paint and some paper to print on.

Get printing, talking about position, printing in groups, use of colour, shape and how much space between your prints.



Talking Together

Talk about how to make patterns looking at colour and shape.
 Can you make a repeating pattern (We call this an AB pattern.)
 Such as by colour, for example, yellow green, yellow green ,yellow
 green. Or by size, big little, big little, big little. It's important to
 use pattern examples with 3 units of repeat like this.

Can you fit shapes together in different ways?

Grown ups you can also help to make more complex shape
 printers by cutting the veg a bit more!



Talking Together

Using these patterns

Instead of buying wrapping paper for gifts, encourage your child
 to make their own! All you need is some regular white paper. By
 taping the pages together on the back, you can create wrapping
 paper that's as big or as small and you need it to be, and it'll be
 completely one-of-a-kind!

If you don't want to use paper you could use an old tea shirt a
 fabric paints to make a Tato T!

