

## Mars Class – Roley’s Ten Day Challenge – Set 4

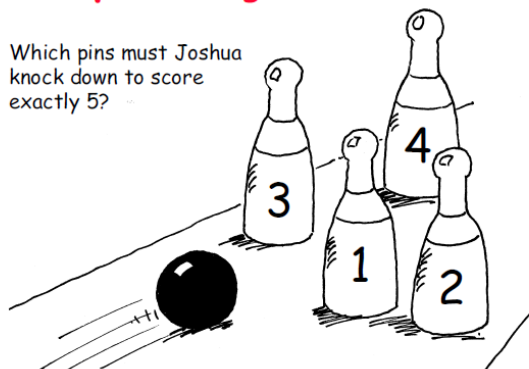
Creativity	Challenge	Curiosity	Caring	Fun
<p>Choose some of your toys to make shadows in the sunlight. Draw around them to create a scene.</p> <p>Weave a paper shape.</p> <p>Make your own family mascot using materials from around the house.</p> <p>Make an animal mask. What animal will you be?</p>	<p>Please complete both challenges below. ☺</p> <p>Using the link below, listen to the story of ‘Zog’ by Julie Donaldson. Please choose to either: Write a set of instructions to tell a young dragon how to fly Or write a similar story showing what different creatures might learn at their own schools (e.g. a unicorn, a mermaid, a tiger)</p> <p><a href="https://www.youtube.com/watch?v=qZqFqIOMAfU">https://www.youtube.com/watch?v=qZqFqIOMAfU</a></p> <p>Complete Roley’s Maths Challenges</p>	<p>Use the link below, to learn all about habitats and food chains. <a href="https://www.bbc.co.uk/bitesize/topics/zx882hv">https://www.bbc.co.uk/bitesize/topics/zx882hv</a></p> <p>What habitats can you find in your garden or when you’re out for a walk? Draw a picture of a habitat you found and the creatures and plants that live there. Write a few sentences to explain why they choose to live there.</p> <p>Find out what insects are living in your garden. Scoop out half of an orange. Leave it, upturned, on the soil overnight. Check it the next day.</p> <p>Sit quietly in your garden or when you are out for a walk. What birds can you hear? Can you identify them? <a href="https://www.woodlandtrust.org.uk/blog/2019/04/identify-bird-song/">https://www.woodlandtrust.org.uk/blog/2019/04/identify-bird-song/</a></p>	<p>Set and clear the table for a week.</p> <p>Think of at least one thing each person in your household does for you. Say thank you!</p> <p>Tidy your bedroom – find one toy that you don’t play with anymore – Keep it safe until you can give it to someone else to play with.</p> <p>Draw a picture or write a message to say thank you to a key worker who visits your house (recycling operatives, milkman, postman, delivery driver)</p>	<p>Create a code using numbers and symbols. Can a family member crack it? What secret messages could you write?</p> <p>Create a story bag - Collect items in your home that link together. Can you make up or retell a story using the items?</p> <p>Follow the recipe for salt dough - make a family handprint (if you have flour!)</p> <p>Design and make an obstacle course in the garden.</p>



Hello! Please choose at least two activities from each list to complete. Please bring your work back to school in the folder that you have been given so that you can share it with your class teacher and friends. Email any photos of your learning into school so that we can all see what you are getting up to!

## Four-pin bowling

Which pins must Joshua knock down to score exactly 5?

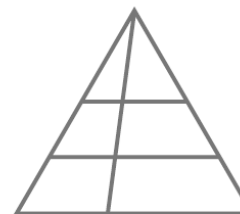


Find 2 different ways:

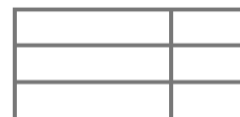
- to score 5
- to score 6
- to score 7

## Spot the shapes 1

- How many triangles can you count?



- How many rectangles can you count?

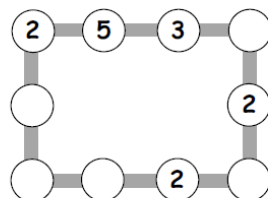


- Draw your own diagram to count triangles. How many can a friend find? Can you find more?

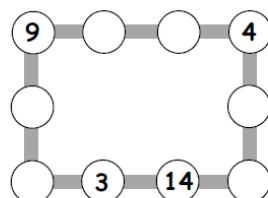
## Maths Challenges

## Number lines

- Make each line add up to 16.



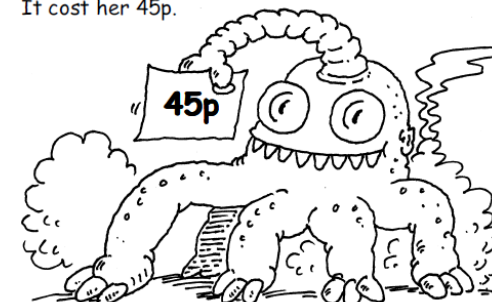
- Make each line add up to 20.



- Make up your own puzzle like this. Ask a friend to do it.

## Monster

Alesha bought a monster using only silver coins. It cost her 45p.



There are nine different ways to pay 45p exactly using only silver coins. Find as many as you can.

What if the monster cost 50p? How many different ways are there to pay now?

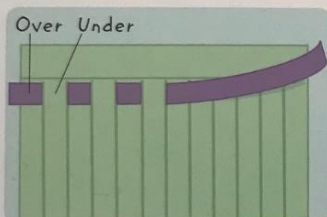
## How to weave paper



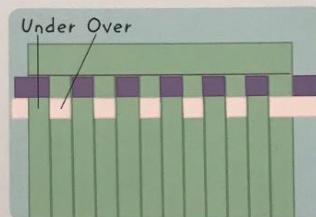
1. Cut a rectangle from thick paper. Lay a ruler along one end and draw a line across it. Then, cut straight slits into the paper as far as the pencil line.



2. Cut lots of strips for weaving, from different papers. They need to be longer than the width of the paper rectangle, but they don't need to be exactly the same width.



3. Weave one of the paper strips over, then under the strips in the rectangle, like this. Then, push the strip up to the top so that it touches the pencil line.



4. Weave a second strip, but this time start with the strip going under, then over the strips in the rectangle. Push it up to touch the first strip.



5. Weave more strips following steps 3 and 4. Then, turn the weaving over and tape along the edges. Cut the ends off the strips and trim off the top edge.

## Wiggle weave



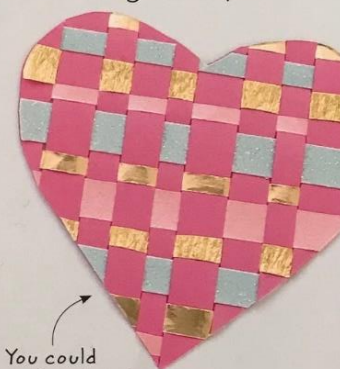
Instead of cutting straight slits into the rectangle, draw wavy lines from the pencil line to the bottom of the paper. Cut along them, then weave straight strips across.



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## Woven shapes

Cut different shapes from woven paper. Tape all over the back before cutting out a shape.

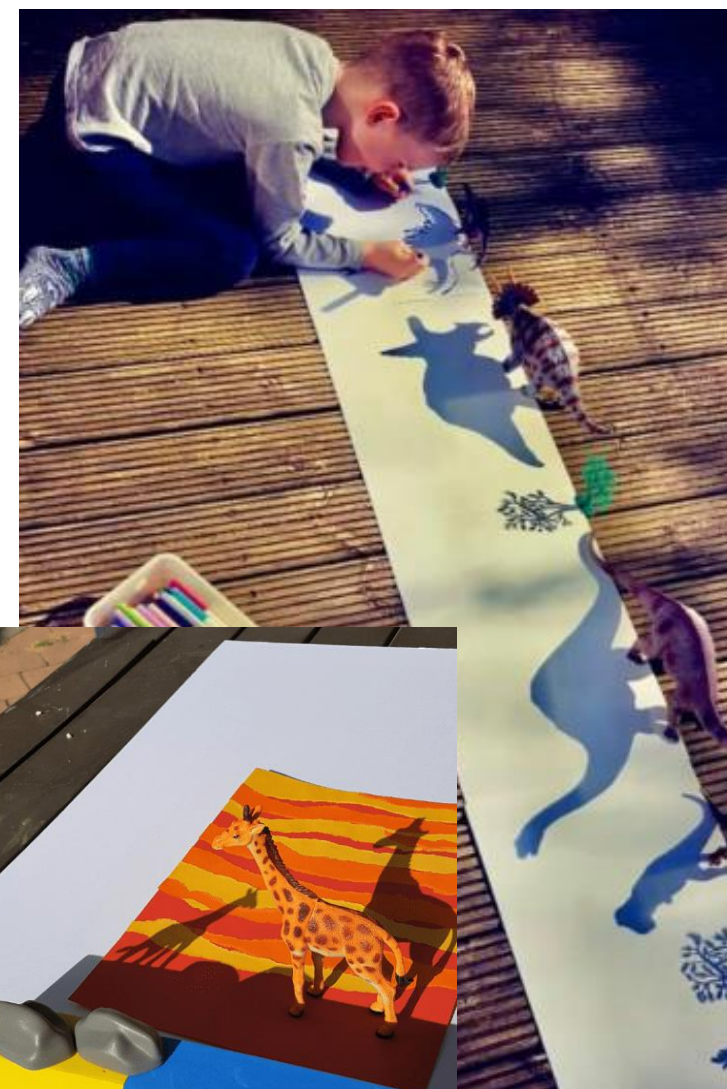


You could make a heart for a Valentine's card.



The middle of this flower was made from a separate piece of weaving.

## Creativity







## Try out this idea for a handprint project.

### INGREDIENTS

500g of plain flour

250g salt

250mls of water (add slightly more water if necessary)

Bake in oven on lowest heat for 3 hours or until rock hard (took about 4 hours for ours)

### INSTRUCTIONS

Mix the flour and salt then add the water. Mix into a dough. Roll out onto flat surface into desired shape about 1-1.5cm thick (remember to sprinkle some flour down to prevent sticking). Place on a baking tray. Make hand imprints (as deep/clear as possible). Place in the oven on the -lowest heat possible- and leave for 3-4 hours or until completely solid top and bottom. (Check the bottom is rock solid before you take it out and make sure you have it on the oven's lowest heat or it will burn instead. Alternatively you can leave to air dry for a couple of days in a cool dry place).

Paint with your choice of paints/colours. Seal with any kind of varnish or sealer to preserve it for example, varnish, or a PVA and water mix. If you don't have paints then make it and paint it at a later date!