


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

Creativity	Challenge	Curiosity	Caring	Fun
<p>Create a painting in the style of Danielle Foye. (see below)</p> <p>Make your very own superworm (see below)</p> <p>Use empty cardboard rolls and make your own marble run.</p> 	<p>Complete Roley's maths challenges. (see the Maths page below)</p> <p>Complete at least 3 of Roley's English challenges. (see the English page below)</p> <p>Please complete both of these challenges. 😊</p>	<p>Watch a video about earthworms. (see link below) Go on a worm hunt in your garden. Be gentle with them.</p> <p>Make your own wormery at home and watch the worms dig burrows. ( see below for ideas)</p> <p>Can you make water walk? Look below at the science page for instructions to have a go.</p>	<p>Lie on your back in the garden and find shapes in the clouds with your family.</p> <p>Begin to make a family Lockdown photograph book of things your family has done together.</p> <p>Make a bookmark for someone in your house and give it to them.</p>	<p>Go on a photo colour scavenger hunt. Take photos of every colour of the rainbow that you find in nature.</p> <p>Collect moss, bark and leaves to make a fairy house. ( see photos below)</p> <p>Have a go at the creative cooking challenges with your family. (see below)</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! Thank you.

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Please try to share some reading, writing and numbers every day. ☺

'Superworm' by Julia Donaldson, story is one that we would have been learning with in school. If you don't have a copy there are plenty of versions on youtube that you can use.

If you are using Twinkl free then you will find lots of other resources for 'Superworm' available to you.

## SCIENCE

A simple wormery. Make sure that any worms you put into yours have come from the same garden.



Link to watch video about earthworms.

[https://www.youtube.com/watch?v=l-zc\\_1vjLnI](https://www.youtube.com/watch?v=l-zc_1vjLnI)

The Scishow kids has got lots of little five minute clips on it that are suitable for Pluto to watch. There are also links below for other science activities.

<https://www.youtube.com/user/scishowkids>

<http://www.sciencefun.org/kidszone/experiments/>

## Water Walking

You'll need six containers of water for this one: three with clear water, one with red food coloring, one with blue coloring, and one with yellow coloring. Arrange them in a circle, alternating colored and clear containers, and make bridges between the containers with folded paper towels. Your kids will be amazed to see the colored water "walk" over the bridges and into the clear containers, mixing colors, and giving them a first-hand look at the magic of capillarity.



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### MATHS CHALLENGES

Look at the picture of doubles. There are mirrors in the picture to help you.

Can you investigate doubles? Can you find all the doubles up to 30?

What is double 22? And double 50?

Can you find out what half of these numbers are- 8, 16, 24, 50



Go on a shape hunt outside. What shapes can you see? How could you record what you see? Draw a picture of the shapes you find, or write what shapes you spot on your hunt.



Investigate full, empty and half.

Can you make the glass **half full**?

Can you make a line of bottles

with different amounts of water in

them all? Put them in order from

full to empty. Can you play a tune on

your bottles?



Which jar has 16 sweets? Circle it.



Make your own sets of worms from sticks, wool, counters or playdough. Put them in order short to long. Can you measure them with a ruler? Can you make one that is exactly 30cm and 100cm?



Use this website with the link below to play games on Toy shop money.

You can pay with just one sort of coin or a mix. Practise with just 1p, 2p, 5p and 10p to begin with.

<https://www.topmarks.co.uk/money/toy-shop-money/>





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### ENGLISH

[https://readon.myon.co.uk/reader/index.html?a=lc\\_eworm\\_f16](https://readon.myon.co.uk/reader/index.html?a=lc_eworm_f16)

This is a link to a book about earthworms. How much of it can you read?  
Your grown up may have to help with a few words.

Look at the picture of these three worms. Can you write one or two sentences about the picture? What are they saying to each other? Are they singing a song? Can you write a four line song for them?



Would you like a letter to read?

Write a letter to me and Mrs Pearce and tell us what you have been doing. Your grown up can email a photograph of it to school. We will write you a reply.

We look forward to seeing your super handwriting.



Draw a story map for Superworm- Can you write two or more sentences about the story? Remember to use a capital letter to start, finger spaces and a full stop at the end.

What is happening in the story of Superworm?

Can you write words and a sentence to say what you can see?



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### CREATIVE and FUN

Some ideas for making your fairy house.



### Superworm

ideas



Danielle Foye

Painted background with a black silhouette.

### Creative Cooking Challenge!

COMPLETE FIVE-IN-A-ROW FOR A COOKING BINGO!

COOK A VEGETABLE TWO DIFFERENT WAYS	CREATE A SIGNATURE SANDWICH	COOK FROM A RECIPE	MAKE FRUIT SALAD	COOK SOMETHING IN A MUFFIN TIN
CREATE YOUR OWN SMOOTHIE FLAVOR	MAKE A MEAL WITH FOODS THAT ALL START WITH THE SAME LETTER	CHOOSE A NEW FRUIT OR VEGETABLE AT THE STORE AND TRY IT	COOK A QUESADILLA (SAVORY OR SWEET)	SET-UP A SALAD BAR FOR YOUR FAMILY
LEARN HOW TO USE A NEW KITCHEN TOOL WITH A PARENT	BAKE A TREAT AND GIFT IT TO SOMEONE	 FREE SPACE!	PREPARE AND SERVE A DIP & DIPPERS	COOK A RECIPE FROM ANOTHER COUNTRY OR CULTURE
PREPARE A SNACK INSPIRED BY A BOOK OR MOVIE	MAKE YOUR OWN POPSICLES	COOK A PASTA MEAL	HAVE A TASTE TEST WITH DIFFERENT BRANDS OF ONE FOOD	SERVE SOMETHING IN AN ICE CREAM CONE (NOT ICE CREAM!)
MAKE BREAKFAST FOR YOUR FAMILY	PREPARE A COLORFUL MEAL	BAKE AND DECORATE A CAKE	MAKE BREAD, TORTILLAS, OR MUFFINS	MAKE A MEAL IN A SLOW-COOKER