



Woodside Primary Academy

Home Learning

Topic

Pack B

## Day 1

### Activity 1 (creative): Can you create a colour wheel?

Resources you will need:

- Anything you can find at home!



Step 1: identify the colours you will need in your colour wheel (primary colours and the colours they make when mixed together).

Step 2: go for a hunt around your house and see what you can find in these colours.

Step 3: create your colour wheel.

Step 4: don't forget to take a picture, you can upload your creation to MS Teams if you wish!

# Day 1

## Activity 2 (Science): Does it float or sink?

Resources you will need:

- Coin
- Pencil
- Cotton ball
- Crayon
- Rubberband
- Wooden stick
- One tube of water
- Pencil and paper



Step 1: get your resources ready.

Step 2: put one object in the water at a time.

Step 3: observe whether it sinks or floats.

Step 4: record your findings.

Optional: you can try this with other objects in your home.

Float or Sink		
Objects	Float 	Sink 
 coin		
 pencil		
 cotton ball		
 crayon		
 rubber band		
 wooden stick		

Which objects do you think will float?

Which objects do you think will sink?

Which objects sank?

Which objects floated?

Were your predictions correct?

## Day 2

### Activity 1 (creative): What are your favourite ways to travel?



Resources you will need:

- Big rocks
- Paint
- Black pen



What are your favourite ways to travel? Today you will be painting some of those.

Step 1: go out into the garden or for a walk to collect some rocks.

Step 2: you can look at some pictures of different transport on google to help you get started.

Step 3: paint your rocks.

Extension: you can build a road on some paper to use your rock transport on.

## Day 2

### Activity 2 (Geography): What is my place in the world?

Today we will be looking at where we are from, you will need:

- Coloured card/paper
- Coloured pens
- Paper plate (optional)
- Scissors
- Hole punch
- Keyring/string

Step 1: draw different sized circles on different coloured card/paper, you can use different sizes mixing bowls to help you. As the sizes of the circles get bigger, their pictures show bigger geographic areas.

Step 2: label the plates with the following titles:

My house

My street

My city

My country

My continent

My planet



Step 3: you can start by drawing a picture of your house (you can write about who lived in your house on the back of your circle. You can then draw a picture of your street.

Now, this is where you will need to ask an adult to help you, use an adults ipad/laptop/phone to do some research. Look up our city, country, continent and planet to help you draw and colour them. Discuss what you find, with your adult.

Step 4: Put your work in the correct order, ask an adult to help you punch a hole through the top of the circles and bind together using a keyring or some string.

Step 5: Present your project to your families by reading the titles and talking about what you have drawn and learnt about where you live.

## Day 3

### Activity 1 (creative): How many shiny scales will your Rainbow Fish have?



You will need:

- Paper plate
- Coloured paper/card
- Scissors
- Marker pen
- Glue
- Paint
- Paintbrush

- Toilet paper rolls



Step 1: listen to the 'Rainbow Fish' story on youtube using the following link: <https://www.youtube.com/watch?v=r9mryuEkkKc>

Step 2: paint your paper paint blue.

Step 3: cut a toilet paper roll in half lengthways to make two stampers.

Step 4: dip your toilet paper rolls in to paint and print on to your paper plate to create scales.

Step 5: add a googly eye and some sequins for the shiny scales.

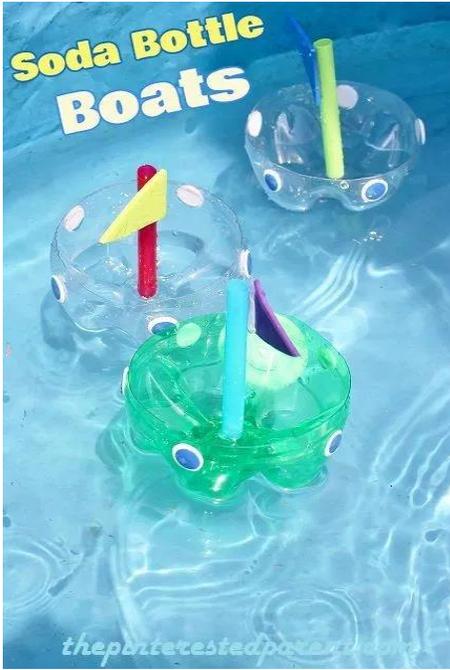
Step 6: cut out two fins and a tail and glue them on.

Step 7: let your rainbow dry then enjoy!



## Day 3

### Activity 2 (DT): How many people can your boat carry?



You will need:

- Drink bottles
- Straws
- foam/card
- Glue
- Scissors



You are builders today! You will be constructing your own boats and the challenge is to see how many toy people your boat can carry before it sinks!

Step 1: cut the bottom of a drink bottle off.

Step 2: rinse and dry them off, ask an adult to sand down any sharp edges.

Step 3: cut the drinking straws into 2 or 3 pieces.

Step 4: cut the foam/card into a triangle shape and glue it on to the straw.

Step 5: glue the straw on to the boat (you may need a hot glue gun or some blue tack).

Step 6: put your boats into some water and watch it go.

Step 7: add some toy people into your boat (or some pieces of lego) one at a time and see how many your boat can carry.



## Day 4

### Activity 1 (creative): do you know your number bonds?!

We're making flowers today!

You will need:

- Coloured paper/card
- Lolly sticks
- Scissors
- Pen
- A pot

Step 1: cut your coloured paper into petals (you may need an adult to help you).

Step 2: cut roughly 5 or 6 circles for your magic numbers.



Step 3: write the numbers 5, 10 and 20 in a circle each. Think up 2 or 3 more magic



Step 4: think of two numbers that you can add together to make the number 5, write the sum on a petal and stick the petal on to the circle that says 5.

Step 5: think of some other numbers that add together to make 5, write the sum on a petal and stick the petal on to the circle that says 5. Don't forget to write takeaway sums as well.

Step 6: repeat the process with your other magic numbers (10, 20 and any other numbers you have written on your circles).

Step 7: stick a lolly stick on to the back of each completed number bond flower and put them all in a pot.

## Day 4

### Activity 2 (History): Is in your home?



### there treasure

What is treasure?

Treasures are things that are special and precious to you and your family. They can be made from valuable or expensive materials. They could be bought or given to your family by your grandparents/great grandparents and this makes them even more special.

Today you are detectives! You will go around the house looking for special treasures and find out about what country they came from.



What have you found?

Which country was it made in?

How was it made?

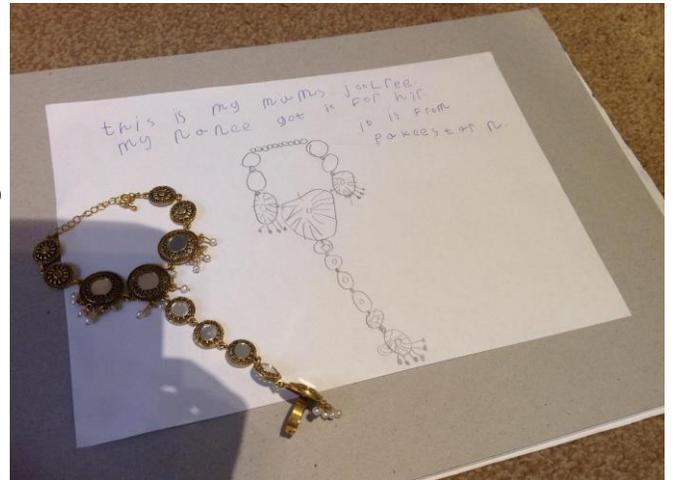
How did it end up in your home?

Why is it special?

Now pick your favourite treasure that you found in your home.

Can you draw a picture of your treasure?

Can you label your picture or write a sentence to say what country it is from?



## Day 5

### Activity 1 (creative): Let's make some playdough!

You will need:

- 2 cups plain flour
- $\frac{1}{2}$  cup salt
- 2 tablespoons cream of tartar
- 1 and  $\frac{1}{2}$  tablespoons of oil
- 1 and  $\frac{1}{4}$  cup boiling water
- Food colouring
- Zip lock bags to store



Step 1: in a bowl, mix the dry ingredients together (flour and salt).

Step 2: add oil and boiling water.

Step 3: with a spoon, mix all the ingredients together, once it cools down slightly you can mix by hand.

Step 4: Roll the playdough a few times on a flat surface then break the playdough into four parts.



Step 5: poke the middle of each part, to make a small dent and pour a few drops of food colouring on to each one.

Step 6: roll each ball individually until the food colouring is completely mixed in.



Challenge: what high frequency words can you make using the playdough?

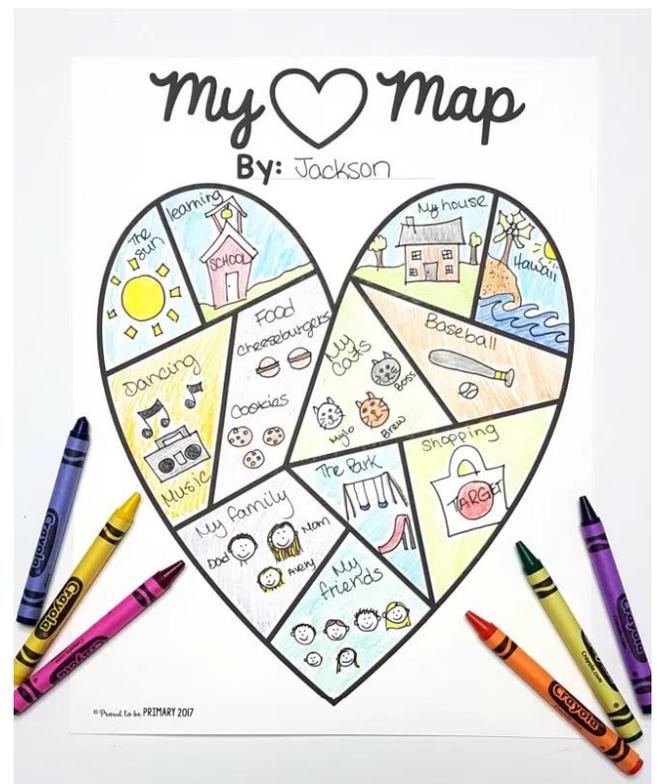
## Day 5

### Activity 2 (PSHE): What/who is special to you?

Today you are going to make a map of your heart.

You will need:

- Paper



- Coloured pencils
- Black pen

Questions:

- What does special mean?
- Can you close your eyes and think about the people who are special to you?
- Why are they special to you?
- Why do they mean so much to you?
- Can you think of some other things or places that are special to you? For example: your home, your school, your teddy.

Step 1: once you've thought about the people, things and places that are special to you, you will need to draw a big heart on your piece of paper.

Step 2: draw random lines inside the heart.

Step 3: in each section draw something or someone that is special to you.

Step 4: get colouring!

## Day 6

### Activity 1 (Creative): Do you want to see some milk

#### magic?

You will need:

- Milk
- Cotton buds
- Fairy liquid



- Food colouring



Step 1: Pour some milk in a pan or dish.

Step 2: pour drops of different coloured food colouring into the milk.

Step 3: dip the cotton buds into some fairy liquid and then press it down into

the bottom of the dish with the milk in it. [Hold the cotton bud there for about 10-15 seconds.](#)

Step 4: keep repeating the process.

[What did you notice?](#)

[What happened when you put the cotton bud into the milk?](#)



# Day 6

## Activity 2 (Science): How far will your car travel?



You will need:

- Lego
- Balloons

Step 1: build your own vehicle to race (if you have any siblings maybe they can make one too).



Step 2: attach a balloon through one of the pieces of lego.

(if you don't have lego at home you can build a car using a tissue roll, toothpick and 4 bottle lids)

Step 3: ask an adult to help you to blow up the balloon and put down the vehicles at the same time to race.

Step 4: on your marks, get set, go!

Which car travelled the furthest?

Which car travelled the fastest?

# Day 7

## Activity 1 (Creative): Is there art in the park/forest?

### You will need:

- Everything that you collect during your walk

There is an artist called Andy Goldsworthy who creates art in the outdoors, we are going to be artists today!



You will need to go for a walk for this one, go for a walk with your adult to the local park or forest. You will need to take a carrier bag with you to collect everything you find.

Once you think you have collected enough, you may find a clear space in the park/forest and create a picture using all the wonderful things you have collected.



Don't forget to take pictures  
you can upload your pictures

of your lovely creations,  
on to MS Teams.

## Day 7

### Activity 2 (Science):

#### Will it leak??



You will need:

- Plastic zip lock bag
- Sharp pencils
- Water

Step 1: fill the plastic zip lock bag with water.

Step 2: ask an adult to hold the bag up for you, it may be a good idea to do this experiment outside.

Step 3: gently stab each pencil through the bag until it pierces both sides and see what happens. Does it leak?



Challenge: see how many pencils you can get through the bag!



## Day 8

### Activity 1 (Creative): Ocean in a Bottle

#### You will need:

- a water bottle
- strong tape
- water
- blue food colouring
- oil
- pebbles



#### Instructions:

- 1) Fill half the bottle with water.
- 2) Add a few drops of food colouring.
- 3) Add the ocean items.
- 4) Fill the rest of the bottle with oil.



- 5) Put the lid tightly on the bottle. Please ask a grown-up to help you make sure it is sealed tightly. You could add strong tape around the lid to make sure that it is secure.

## DAY 8

### Activity 2 (Geography): Creating a castle like Edinburgh Castle in Scotland

- *Scotland is part of the United Kingdom along with England, Wales and Northern Ireland.*
- *It is the most northerly country in the UK.*
- *Scotland shares a border with England.*
- *The capital city of Scotland is Edinburgh.*



*Edinburgh Castle is a famous royal castle built on the Castle Rock in Edinburgh. Castle Rock is a large, inactive volcano that is believed to have risen around 350 million years ago!*



Why don't you make your own magnificent castle?

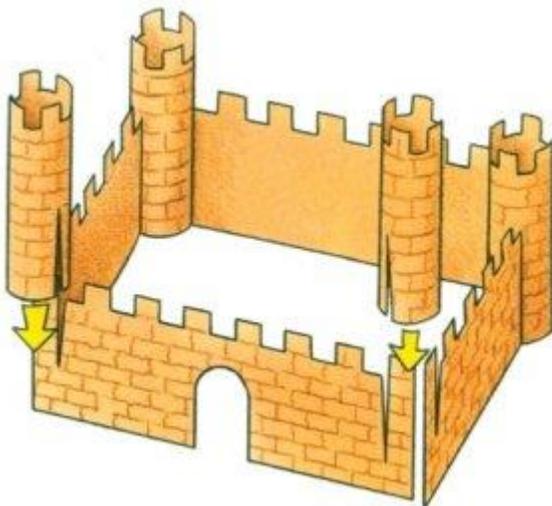
## You will need:

- 2 paper towel tubes
- 4 pieces cardboard
- Red paper
- 4 wooden skewers



## Instructions:

- 1) Ask a grown-up to help you cut both tubes in half. Measure and mark 1cm tabs around the top of each tube section. Cut out.
- 2) Cut 2 pieces of cardboard to 4 x 28cm and another 2 pieces to 4 x 20cm. Cut tabs along the top of each piece to match the 4 turrets. Cut an arch for a doorway in the centre of one of the longer pieces.
- 3) Use a ruler and pencil to sketch brick shapes on the 4 walls and the 4 turrets. Trace over the pencil lines with brown marker, making some of the lines wavy to add extra detail.
- 4) To attach the turrets to the walls, cut two 6cm slits up from the bottom of each tube, spacing the slits about 5cm apart. Make two 6cm slits down from the top of each wall, each about 1cm in from the edge. To assemble, slide the cuts in the wall pieces up into the cuts on the tubes.



**Attach the turrets to the walls of the Paper Castle.**

**Step 5:** Cut out 8 flag shapes from red paper. Glue them together back to back in sets of 2, with the top of a wooden skewer sandwiched between each. Glue each skewer to the inside of one of the tubes. Now you're ready to imagine all kinds of castle stories.

## Day 9

### Activity 1 (creative): Rainbow Walking Water Science

#### Experiment

Things you will need:

- 6 clear cups
- water
- food colouring (red, yellow and blue)
- paper towels



Instructions:

- 1) In the first cup add 5-10 drops of red food colouring.
- 2) In the third cup add 5-10 drops of yellow food colouring, and in the last cup add 5-10 drops of blue food colouring.
- 3) Add 1/2 cup of water to the glasses with food coloring and stir until combined.
- 4) Leave the two remaining cups empty. This is what your cups should look like.



5) You will need five pieces of **extra absorbent paper towel**. Fold each piece into strips and then tuck the strips between the glasses like so.



- You want to ensure that the paper towels are touching the bottom of the cups, but you don't want your pieces to be too long or to have too much excess paper at the top.
- Within moments of placing the paper towels into the cups, you will start to notice a change.
- The water from the colourful cups will quickly begin to absorb into the paper towels and then slowly transfer into the empty cups, *forming a glorious water rainbow!*



# Day 9

## Activity 2 (Geography): River Thames that runs through London



The River Thames is a large river in England. It goes through the London, which is the capital city of England. Did



you know that there are over 200 bridges that cross the river? One of the most famous bridges that runs over the River Thames is Tower Bridge.

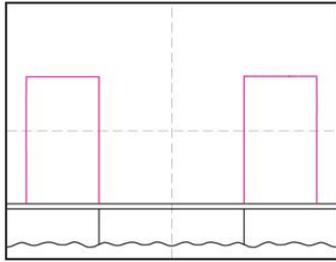
Tower Bridge is one of England's most popular landmarks. It was built more than 100 years ago by the Victorian builders and engineers. It is a drawbridge, which allows ships through the **bridge** deck when the deck is raised. The bridge runs over the River Thames close to the Tower of London.



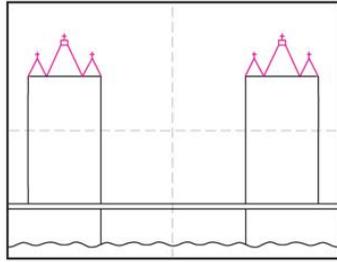
**Your task:** Draw the amazing Tower Bridge. Use the steps below to help you. Label your picture with 'Tower Bridge' and 'River Thames'. It would be even better if you were to label which is the **human feature**, and which is the **physical feature**.



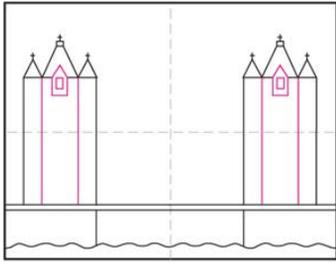
1.



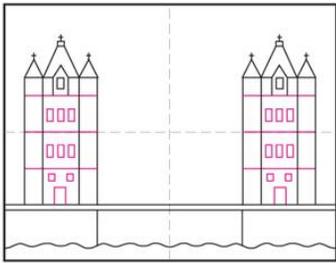
2.



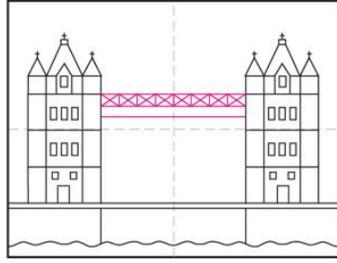
3.



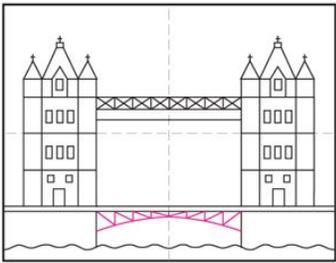
4.



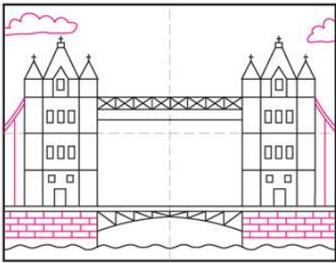
5.



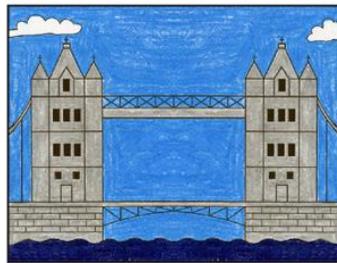
6.



7.



8.



9.

© www.artprojectsforkids.org



# Day 10

## Activity 1 (creative): How to make a Paper Dinosaur Hat

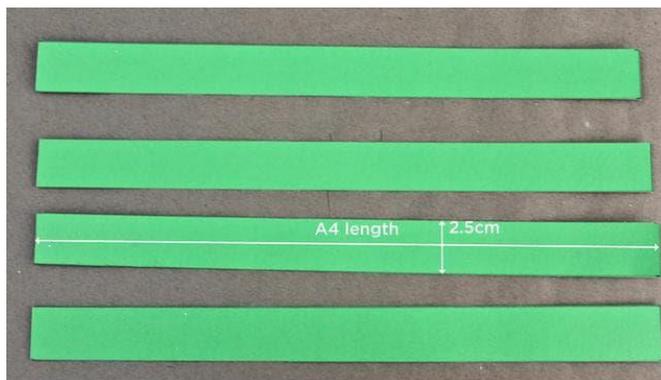
### You will need:

- 2 x A4 sheets of green cardboard
- 2 x A4 sheets of green construction paper
- scissors
- glue
- ruler
- lead pencil

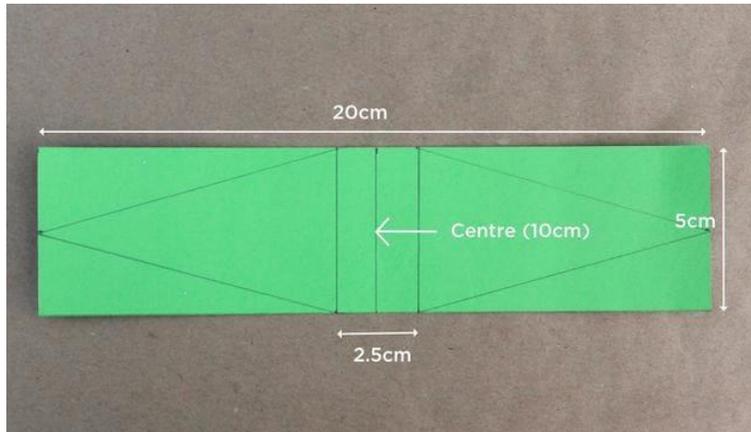


### Instructions

- 1) Cut the card as below:



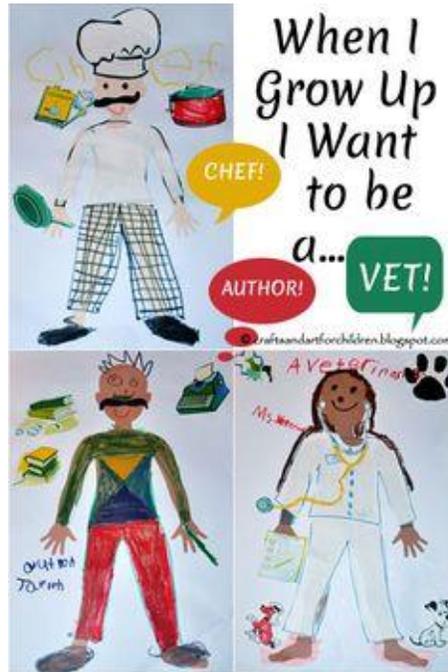
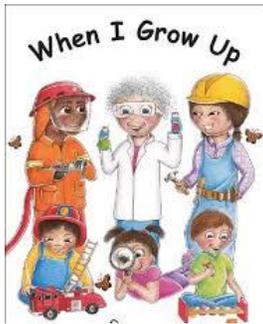
- 2) Cut the diamond shape out. Now get one sheet of the green paper, fold it in half lengthways. Fold the (above) diamond shape at its centre point. Lay it onto the folded paper, so that the folds match up. Now use it as a template to trace around to draw four spikes on the paper.



- 3) Cut the paper spikes out individually.
- 4) Lay four spikes along one strip of cardboard. Glue them down. Turn it over and bring the two halves of the spike together around the strip to create each dinosaur spike. Glue these. Do the same with the other strip of cardboard, but place five spikes on that strip.
- 5) Get the remaining two strips of cardboard, glue them end to end then glue them into a circle to make the main headband. Get a grown-up to measure it on your head so it will fit snugly.
- 6) Attach the spikes to the head band: one to arch over the top of the head, one that trails down the back as a tail.

# Day 10

## Activity 2 (PSHE): Dreams and Aspirations



You are all such hard workers at school but have you ever thought about what you want be when you grow up?

Draw a picture of yourself as a grown-up and being the person you want to be. Can you label your picture? Why do you want have that job when you grow up?

