



Home Learning Grid Year 2

Week Commencing – 06.07.20

Work to be completed in home learning books



	1	2	3	4
English	First News Read the First News articles below and have a go at the questions. Which is your favourite? Are people at your house thrilled to have football back?		SPaG Challenge Have a go at the SPaG challenges below.	Nature ABC See the Nature ABC challenge below.
Maths	Measure Complete the 'Litres' task below. Click here for video tutorials.	Measure Complete the 'Temperature' task below. Click here for video tutorials.	Time Complete the 'O Clock and Half Past' task below. Click here for video tutorials.	Time Complete the 'Quarter Past and Quarter To' task below. Click here for video tutorials.
Creative Nature Challenges				
Outdoors	Journey Stick/ Bracelet A great way to remember a walk. See below for ideas and tips.	Who's been framed? In your house, garden, on walk or whilst out can you create some artwork using materials in nature or lying around? You could do a self- portrait, a scene from your favourite book or let your imagination run wild. Remember to post some photos on Seesaw.	Recycled Planter Can you recycle a milk carton or plastic bottle to create something interesting to plant some seeds? Remember to post some photos on Seesaw.	Let's go fly a kite. Design and create a kite and then go find somewhere to try and fly your kite. You could have a competition with members of your family to see whose kite can fly the best. See below for some ideas and instructions.
PE	School Games Active Championships 			

As you are aware, the Oak National Academy also provide a wealth of learning opportunities during the national lockdown. These can be assessed here: <https://www.thenational.academy/online-classroom> . We understand that some families may prefer to work from these materials and this is absolutely fine. Our new grids will hopefully encourage children to use the final few weeks of term to get outdoors where possible and be creative. We are thrilled to see so many children learning at home and taking the opportunity to also do all kinds of things at home which are not usually taught in the classroom. We would like to sincerely thank everyone for their support during this strange time.

ANIMAL NEWS

TURTLE BOOST

Thousands of green turtles off the coast of Raine Island, Australia, waiting to go on land to nest



SCIENTISTS in Australia have discovered that the world's largest colony of green turtles is twice as big as they thought.

The turtles were filmed off the coast of Raine Island, Australia, using drones. This protected, coral island is on the edge of the Great Barrier Reef.

Experts already knew the island was the largest green turtle nesting area in the world. But when they used drones to film the turtles waiting to nest, they were very surprised by what they saw.

The video showed more than 64,000 green turtles waiting offshore. This is double the number of turtles the scientists expected to spot!

Using drones turned out to be a fast and accurate way of counting the turtles. Previously, the experts painted a white stripe on the shell of turtles who were on the beach and then counted them using a small boat. This was not very easy, especially as the paint washed off after a few days!

The high-tech turtle count is part of a multi-million pound project to protect and improve this hugely important nesting site.

GLOSSARY

drones – Small remote-controlled, gadgets that can hover like helicopters

Great Barrier Reef – The world's largest coral reef, home to a huge variety of sea creatures. It is one of the world's greatest natural wonders

green turtles – One of the largest species (kind) of sea turtle, and the only vegetarian one

Four Stories

Questions on: 'Turtle boost'

- 1) What kind of turtles have been counted in the water around Raine Island?

Green
 Loggerhead
 Leatherback
- 2) Raine Island is part of which 'natural wonder'?
- 3) What other facts do you know about Raine Island?
- 4) What gadget have the experts used to count the turtles?
- 5) How did the experts count the turtles before?
- 6) Complete the results of the turtle count.

More than _____ turtles were counted, which was _____ the expected number.

- 7) Find the adjectives used in the report.

_____ island
 _____ and _____ way of counting
 _____ turtle count

- 8) Using this gadget turned out to be a great way of counting turtles. Can you explain why it was so helpful?

WORLD NEWS

AUSTRIA

A BIG STINKING FINE

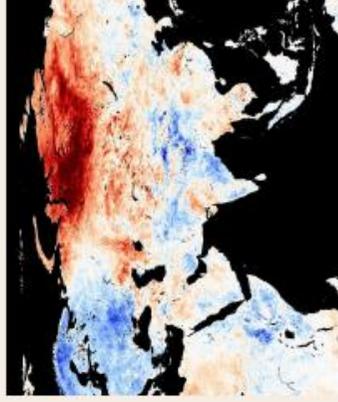
A man from Vienna has been fined 500 euros (£453) for deliberately breaking wind in front of the police. The Austrian man let out a particularly loud toot as police officers walked up to him to check his identity. One officer explained: "Of course, nobody is put on the spot if one slips out by accident." But in this case, the police say the man lifted his bottom off the bench and let out gas on purpose. The troublesome tooter hasn't yet paid the big stinking fine and is expected to challenge it in court.



RUSSIA

SIBERIAN HEATWAVE

Throughout May, temperatures in Siberia were 10°C higher than normal. Experts have said it is "an alarming sign" of global warming. Other parts of Russia have also seen record temperatures. Khatanga is one of the most northern towns in Russia. It is usually about 0°C during the spring. On 22nd May, it was 25°C – double the previous record. The Arctic is warming twice as fast as the rest of the Earth.



ECUADOR

SUPER DAD, DIEGO!

Diego, a giant Galápagos tortoise, is finally retiring. At the age of 100, he is being allowed to stop work and will spend the rest of his life in the wild, on the island where he was born. What has Diego been doing for decades? Saving his species by making babies! About 50 years ago, there were only two male tortoises of his kind left. The tortoise was on the edge of extinction. A breeding program was set up and Diego got to work. It has been a huge success and there are now around 2,000 of these giant tortoises in the world. Diego is thought to be the father of almost half of them! He certainly deserves a rest!



Four Stories

FirstNews • Issue 732 • 26th June – 2nd July 2020

Questions on: 'World News'

1) Match the news clue to the correct headline.

An unusual crime

Super dad, Diego!

Unusually hot weather

A big stinking fine

An unusual (and very successful) father

Siberian heatwave

Look at the news from Russia.

2) Which part of Russia was 10°C warmer than normal during May?

- Khatanga
 Siberia
 Volga

3) What **comment** have experts made about this heatwave?

Look at the news from Ecuador.

- 4) Who is Diego?
 5) How has Diego 'saved his species'?
 (A species is one kind of animal or plant.)

6) Find the numbers.

Diego is ____ years old.

____ years ago there were only ____ male tortoises (of Diego's kind).

There are now ____ of these tortoises.

Look at the news from Austria.

7) The word 'fart' is an informal word that some people consider to be rude. Can you find three **words or descriptions** that the writer has used to avoid saying fart or farted?

- 1:
 2:
 3:

8) Do you think the police were right to fine the man for this act, or not? Explain your opinion and your reasons!

Draw three lines to name the types of sentences.



a

There are lots of trees in the rainforest.

Don't cut the trees down.

How many trees are in the rainforest?

statement

question

command

Circle the correct homophone for each picture.

b



deer / dear



deer / dear



mail / male



mail / male

Underline the verbs in this sentence.

c

Keith and Tomek quickly rode their scooters while chatting and singing.



Change this word into an adjective by adding the suffix **-ful** or **-less**.

d

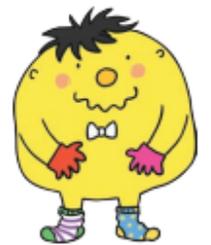
help care

Remember, you may need to make changes.

Oops, Mr Whoops has made two punctuation mistakes. Help him by correcting his commas and apostrophe.

e

It was Da'ras turn to roll the dice next as they played Kings, Queens Princes and, Princesses.



Extend this sentence using the conjunction 'or'. Write the whole new sentence in full.

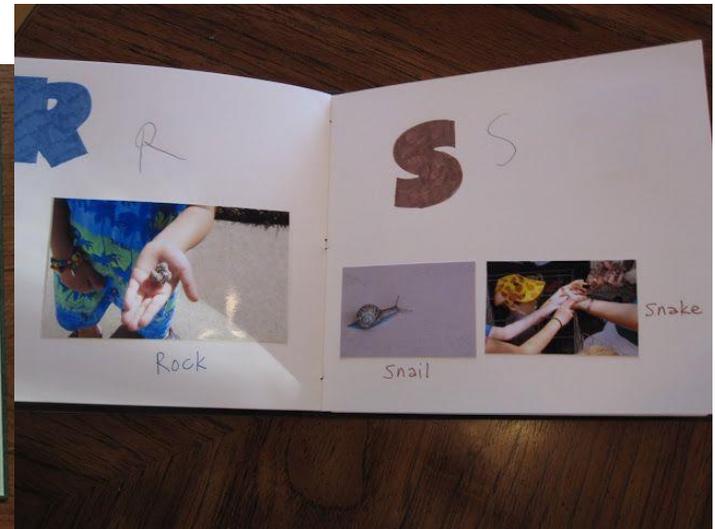
f

I will climb every hill...

English 4

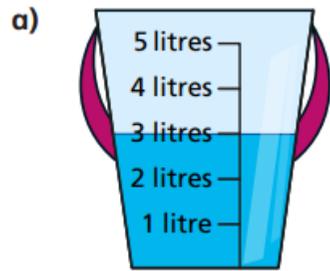
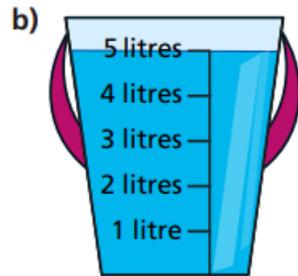
Can you find 26 different things in your garden or on your walks to make your own nature ABC book or sheet? Create a small book, or sheet with 26 different pages or boxes – one for each letter of the alphabet. Then, try to find something which starts with each of the letters of the alphabet, writing them in the correct box or page and decorating each one with pictures, photos or whatever you want. I wonder what you can find that starts with Z...

Here are some examples to give you the idea.

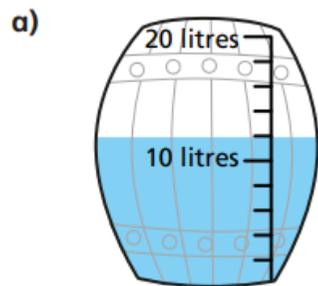
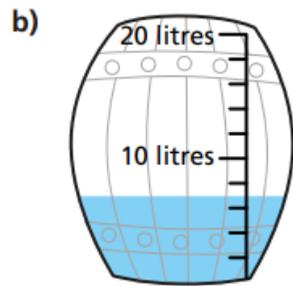


Litres

1 How much water is in each bucket?


 l

 l

2 Each of these barrels holds 20 l.
How much water is in each barrel?

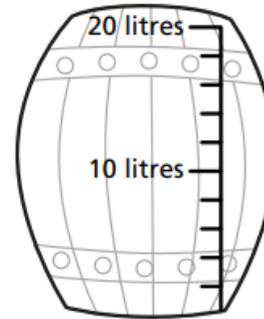

 l

 l

3 Tommy has 3 full buckets of water.



Each bucket contains 5 l of water.

Tommy pours all the water into the barrel.



Show where the water will reach in the barrel.



4 Milk is sold in 5 l and 2 l cartons.
How much milk is there altogether?

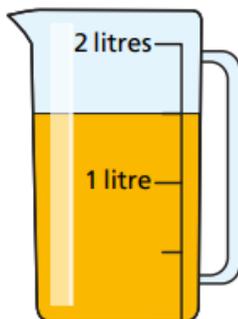
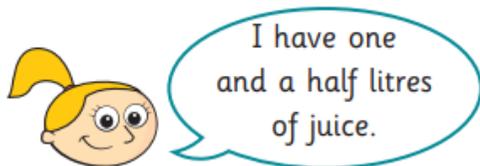

 l



- 5 Tick the cartons to show 36 l of milk.



- 6 Eva fills a measuring jug with juice.
The jug holds 2 l when full.



Do you agree with Eva? _____
Explain your answer.

- 7 Kim puts 30 l of water into an empty fish tank.



Kim pours another 30 l into the same tank.
Draw a line on the tank to show where you think the water will come to now.

- 8 How would you measure the capacity of each object?

Tick litres or millilitres.

Object	Litres	Millilitres
bath		
mug		
spoon		
teapot		
swimming pool		

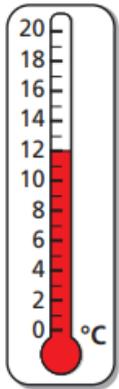
Talk about your answers.



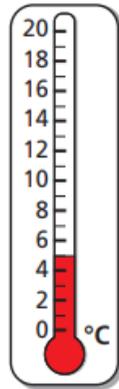
Temperature

1 Write the temperature shown on each thermometer.

a)

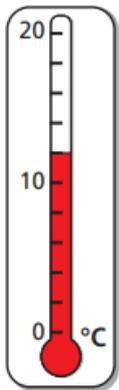

 °C

b)

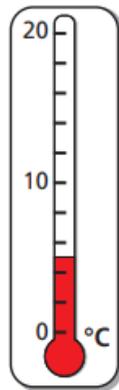

 °C

2 Write the temperature shown on each thermometer.

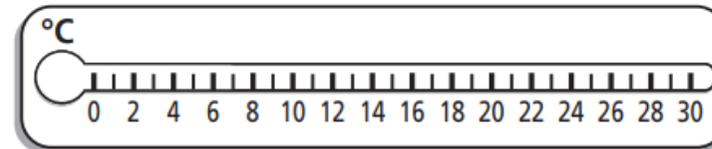
a)


 °C

b)


 °C

3 Draw an arrow to each temperature on the thermometer.

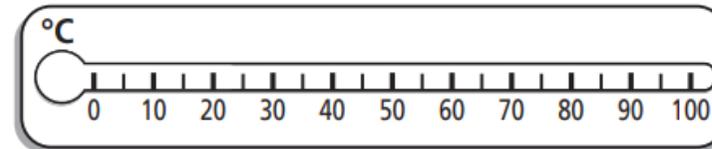


10°

17°

29°

4 a) Draw an arrow to each temperature on the thermometer.



85°C

60°C

35°C

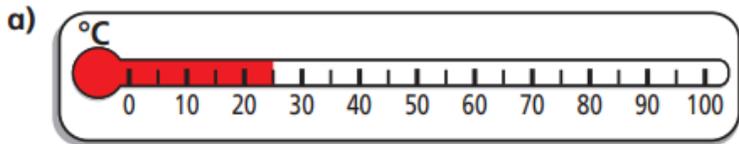
b) Where would you label 99°C on the thermometer?



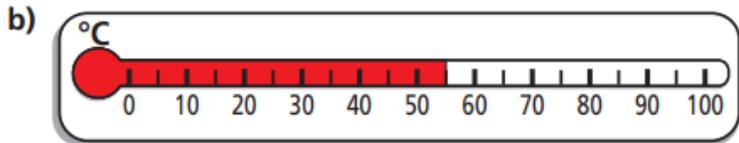
- 5 Put these temperatures in order from coldest to hottest.

26°C 43°C 19°C 7°C

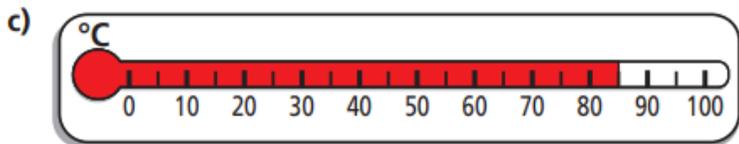
- 6 Miss Trent is boiling some water. She measures the temperature at different times. Write the temperature of the water each time.



°C

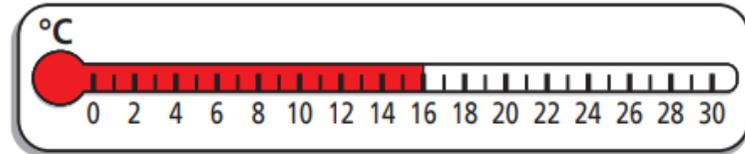


°C



°C

- 7 The thermometer shows the temperature in London.



The temperature rises by 5 degrees.

Draw a line on the thermometer to show the new temperature.

- 8 The table shows the temperature in some cities around the world on 1 June.

New York	Paris	Dubai	Sydney
18°C	2°C	43°C	27°C

- a) Which city is the hottest?

- b) Which city is the coldest?

- c) How many degrees colder is it in New York than in Sydney?

°C



O'clock and half past

1 Match the clocks to the times.



7 o'clock



3 o'clock



12 o'clock



10 o'clock

Complete the sentence.

At o'clock, the minute hand points to

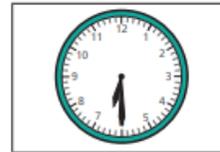
2 Match the clocks to the times.



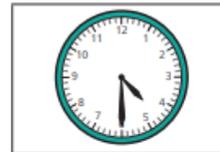
half past 4



half past 1



half past 9



half past 6

Complete the sentence.

At half past, the minute hand points to

3 Write the time shown on each clock.

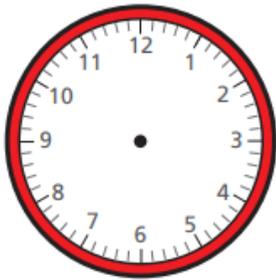
Use the word bank to help you.

o'clock

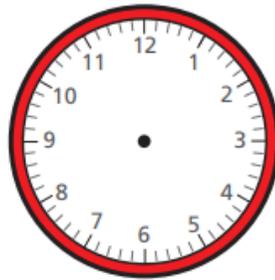
half past



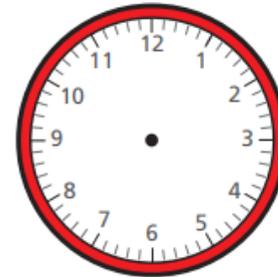
4 Draw hands to show the time on each clock.



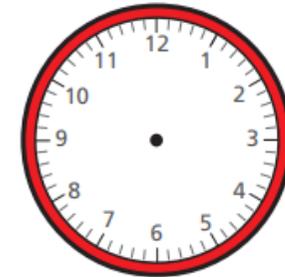
half past 11



half past 3



4 o'clock



1 o'clock

5 Circle to show whether each sentence is true or false.

a) The clock shows 6 o'clock.

true

false



b) The clock shows half past 10

true

false



c) The clock shows half past 12

true

false



Compare answers with a partner.



Quarter past and quarter to

1 Match the clocks to the times.



quarter
past 1



quarter
past 12



quarter
past 9



quarter
past 5

Complete the sentence.

At quarter past, the minute hand points to

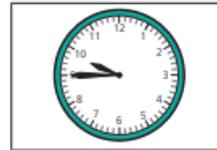
2 Match the clocks to the times.



quarter to 10



quarter to 1



quarter to 7



quarter to 3

Complete the sentence.

At quarter to, the minute hand points to

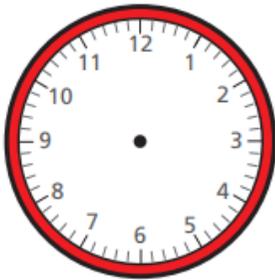
- 3 Write the time shown on each clock.
Use the word bank to help you.

quarter to

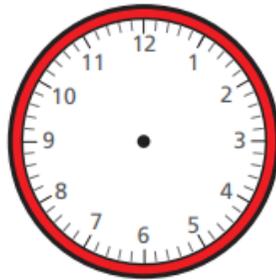
quarter past



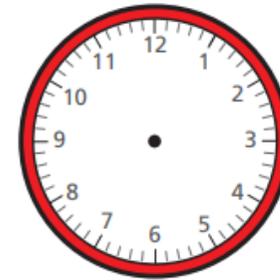
- 4 Draw hands to show the time on each clock.



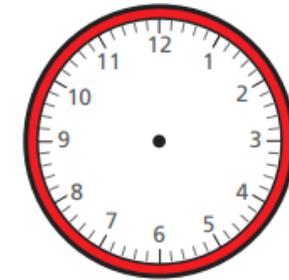
quarter past 11



quarter past 3



quarter to 4



quarter to 1

- 5 The clocks have no numerals.



a)



You can still work out what time they show.

Why does Dora think this?

b) Write what time each clock shows.



School Games

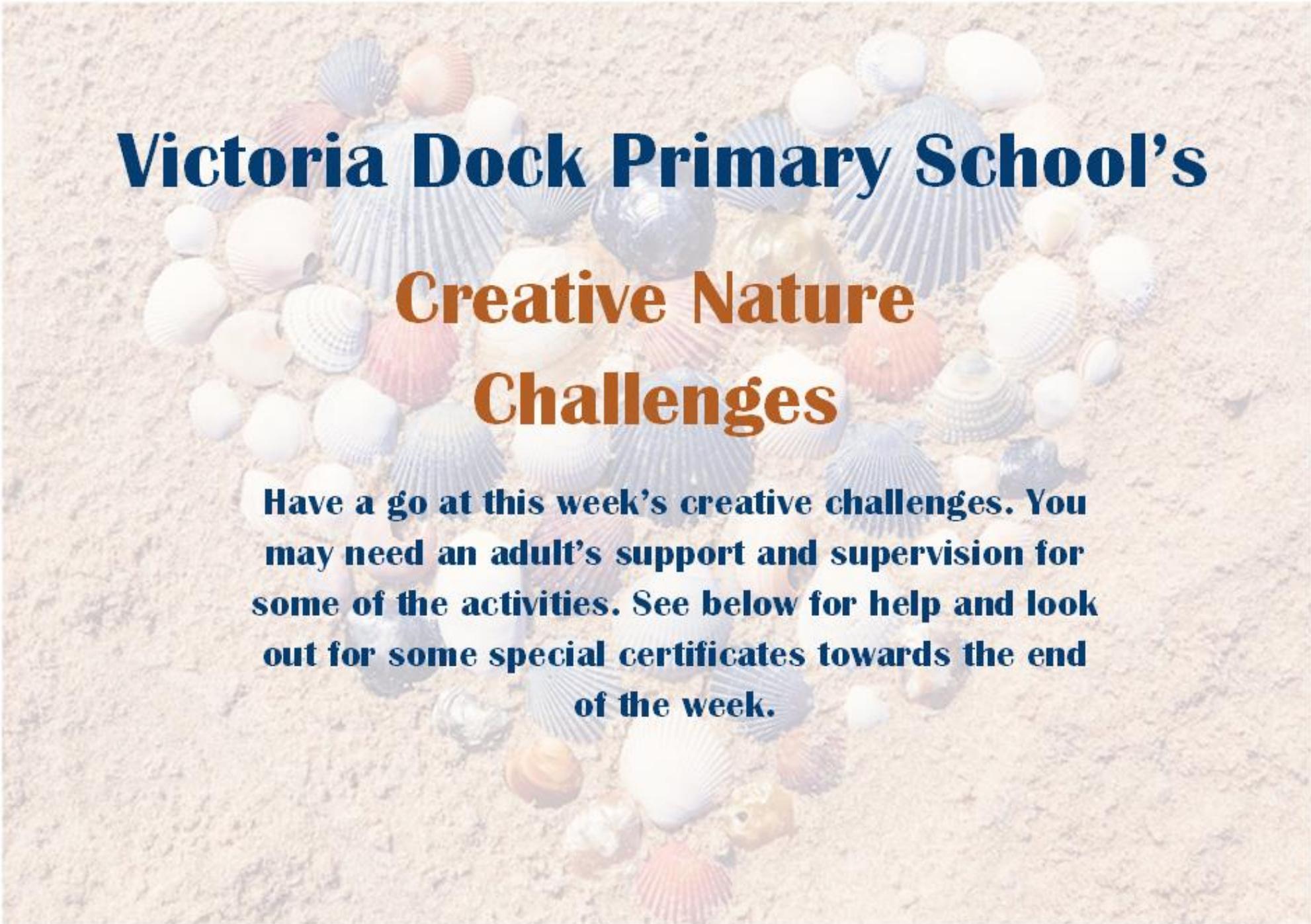
Active Championships

Developed by Hull Active Schools (HAS), the School Games Active Championships are a fun, engaging, national activity campaign for children across the UK to keep active. Parents can download the TopYa! App and sign up with our school's unique code: **28281**.

Children can practise the free active challenges, submit their best performance video and receive free personal coaching feedback from the experienced virtual coaches. For each video submitted, children can earn points, climb the leaderboard and even win prizes.

Parents, check out this video tutorial for more information:

<https://vimeo.com/423604569>



Victoria Dock Primary School's

Creative Nature Challenges

Have a go at this week's creative challenges. You may need an adult's support and supervision for some of the activities. See below for help and look out for some special certificates towards the end of the week.

Journey stick or bracelet.

Things you may need:



Whilst on a walk collect a stick (no bigger than your arm) or if making the bracelet cut a strip of tape, slightly bigger than your wrist, and attach it sticky side out around a wrist.

Then collect some small items that you can attach to your stick or bracelet. To attach to your stick you will need glue, tape or string.

Remember to upload photos of your journey stick or bracelet onto Seesaw. You could even upload a video explaining all the different things you saw and why you chose the things for your stick/bracelet.



Photo ideas



Who's been framed?

What you'll need:

- A frame for your portrait (Tip: Try making a rectangle from sticks or drawing one using a stone or chalk on the ground or use the one below.)
- Natural loose materials like sticks, stones, leaves, etc.

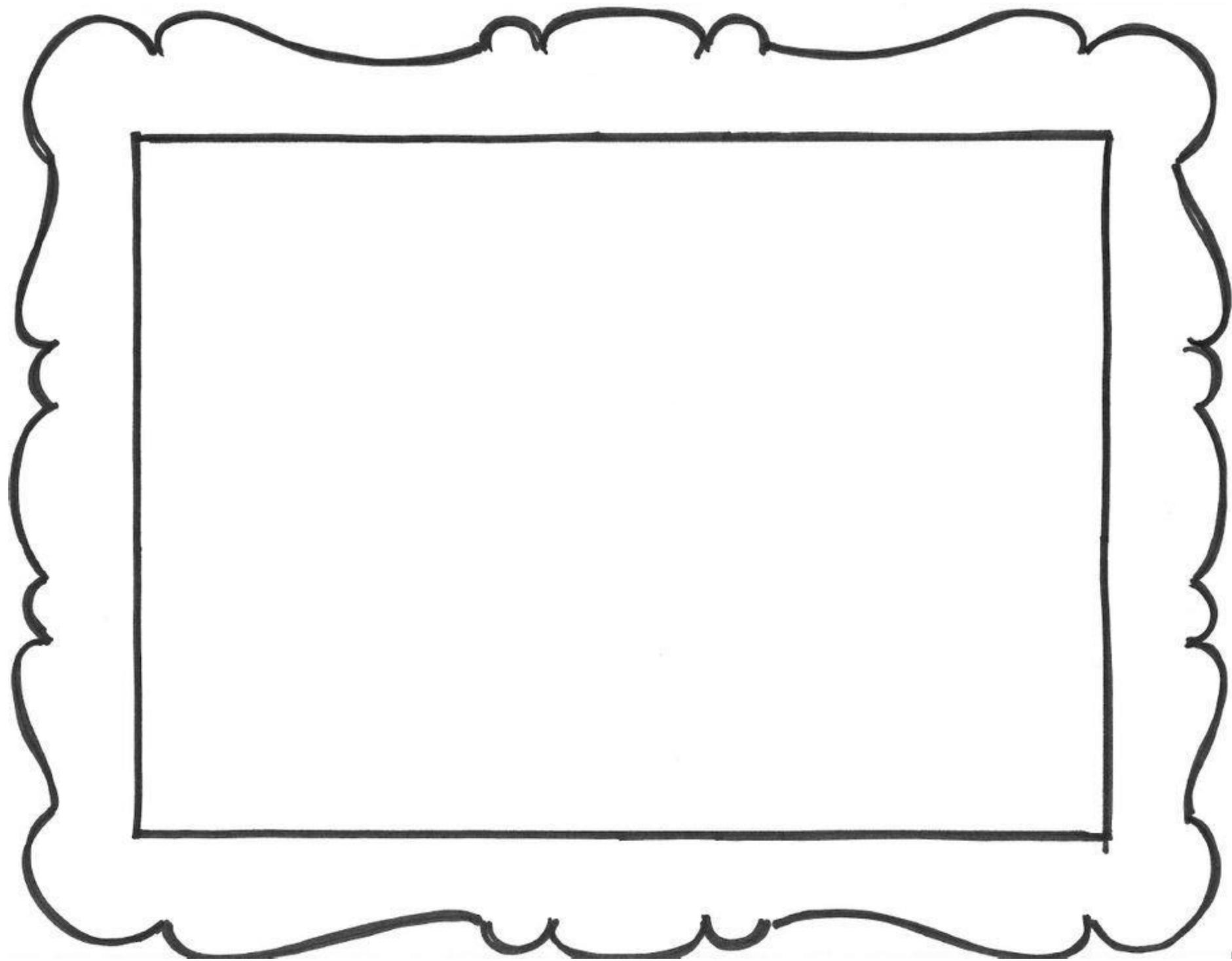
This could be done inside or outside using materials around you. You could make a giant piece of art or something smaller.

Remember to take photos of your work when you are finished and upload them to Seesaw. This artwork isn't designed to be permanent so may get damaged by the weather.



Photo ideas





Recycled planter

What you'll need:

- Old plastic containers or cartons
- Paints, wool and other craft materials for decoration
- Glue and scissors
- A mixture of topsoil and compost
- Suitable crocks such as rocks, gravel or broken pots
- Seeds or seedlings



Photo ideas



Things to think about

- Waterproof and weatherproof material
- Deep enough for the roots
- Drainage
- An eye-catching design

What to do:

1. Select a plastic container.
2. Cut a wide enough space out to enable the filling of the planter with soil. You may need a grown up to help as it can be difficult and sharp.
3. Pierce the base several times to allow water to drain through.
4. Decorate the planter.
5. Fill the base with some suitable crocks.
6. Top up the planter with a mixture of soil and compost.
7. Plant a seedling into the soil and water it in thoroughly.
8. Then upload some photos.



Let's go fly a kite.

Please see below two different ways of making a kite but you can always try a different way. Remember to upload any photos or videos.

What you may need:

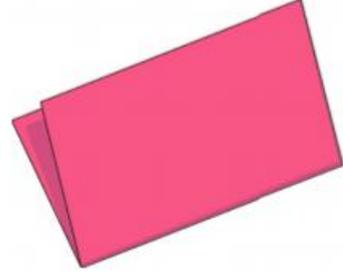
- A4 paper/card or plastic bag.
- Hole punch
- Strong String/ fishing line
- Ribbon
- Scissors
- Stapler/ tape/ glue
- Crayons



Method 1

Step 1

Start with your piece of paper and fold it in half.



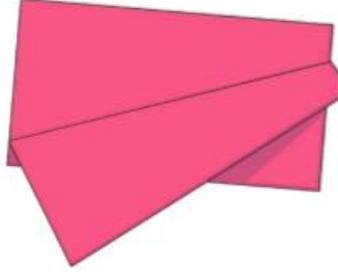
Step 2

Mark a point on the top of the paper about 2.5 cm from the fold. Mark a point on the bottom of the paper about 2.5 cm from the open side. Imagine, or draw, a line connecting these two dots.



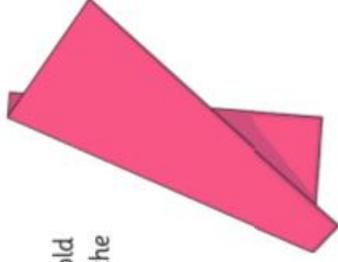
Step 3

Fold the top corner of the paper down along the line that you've just created.



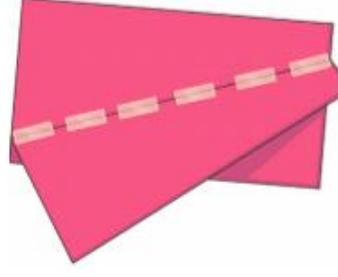
Step 4

Next, flip the paper over and fold the other side down to match the side you just folded.



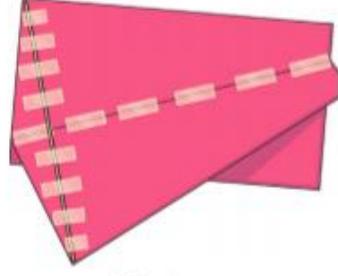
Step 5

Flip the paper back over so that it looks the way it did in Step 3. Tape along the middle seam.



Step 6

Lay a skewer across the kite, as shown, and tape it in place. You'll probably have to cut the skewer down to size with your scissors.



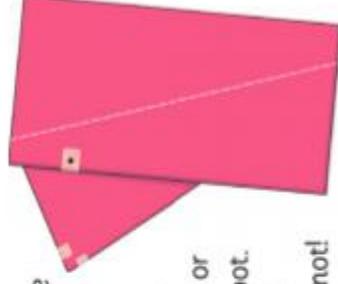
Step 7

Turn the kite back over and straighten the keel.



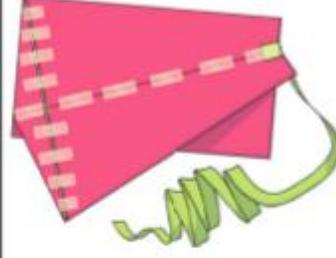
Step 8

Mark a spot about a third of the way down the spine and about 1.5 cm from the edge. Put tape over this mark to reinforce it on both sides. Use your hole punch or scissors to make a hole in this spot. Tie your kite string through this hole. Make sure to use a good knot!



Step 9

Tape a length of ribbon to the back of the kite, at the bottom. If you use light ribbon like flagging tape, the tail can be 180 to 300 cm long. Heavier ribbon should be shorter. You can experiment with the length; if it seems the kite can't hold up your ribbon as it flies, just trim it shorter.



Step 10

Your kite is ready to fly! These kites don't need very much wind to get lift, and are better for use on days with only a light wind. A nice steady breeze is all it needs. Remember, sometimes it takes practice to learn to fly a kite. Just remember to reel it in a little if it looks like it's falling, and let out more string if it starts to tug hard. Make sure that middle "spine" is straight before the kite goes up. Good luck!



Instructions

1. Design a pattern on the A4 paper using the crayons. Think about your design and colours.
 2. Fold the paper in half.
 3. Along the folded edge of the paper, mark two points: Point A should be about 6cm from the side; Point B should be about 8 cm from the side.
 4. Fold the top corner of the page to Point A and staple it place.
 5. Do this on the other side (do not crease, just bend it back).
 6. Punch a hole at Point B and tie your string.
- Your kite is now ready to fly!