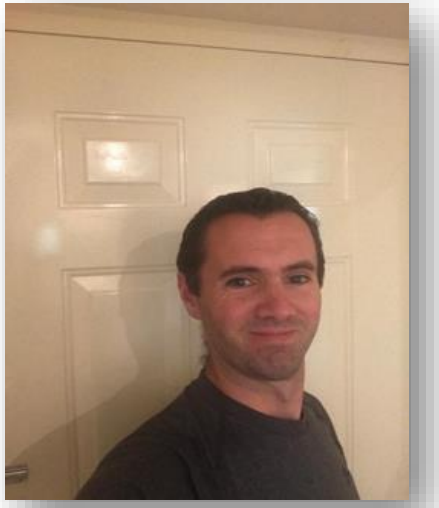
Welcome

Dear Cassatt and Da Vinci families,



I hope that you and your families are well. I really do miss teaching you PE, it is certainly a lot quieter at the moment. Each week Physical Activity slides are sent home as part of the Home Learning. The activities are adapted so you can do them in a small space, there are lots of fun challenges in there so do take a look. Don't worry if you don't have the exact equipment, you can be creative with what you use.

I hope you are staying active and having the opportunity to enjoy the great outdoors. Try and exercise everyday as it is really important for your physical and mental health, even a short walk would be good. I recommend that you are physically active for 60 minutes per day (Examples of safe and socially distanced ways to stay active are: walking, running, cycling, workouts and skipping).

It is great to see the keyworker children and those in Reception, Y1 and Y6. However, I can't wait until the whole of the King Athelstan Community are back together again. We can look forward to lots of exciting events next academic year like international day and sports day.

Welcome

As you are aware the KS2 playground is currently under construction. I am really excited about the running track. This is a great addition, as it means there is no more running the 'mile run' in muddy conditions. I think your parents/carers will definitely appreciate not having to wash muddy PE kits!

It is an incredibly strange time at the moment and it has certainly taken some time to adjust to the new way of life. Throughout lockdown I have tried to keep some sort of normality and have been walking, running and cycling most days. One thing I miss is seeing friends and family but I have stayed in contact via Zoom; it is great to see everyone virtually. Apart from missing teaching all of you, I have really missed watching live sport, so it is great to see this gradually returning to our screens. I love the buzz and excitement which comes with it, although it is strange watching football without fans.

Try and remain positive, we are thinking of all of you at this difficult time.
Looking forward to seeing you all soon.
Take care of yourself and all of those around you.
From Mr Mc Laughlin

Welcome

Dear Cassatt Families,

How fantastic to see so many of you during our zoom meeting. I was wonderful to hear and see you share about those special things, events, pets and activities you have been doing during lockdown. I was impressed by your art skills and will definitely let Mrs Barr know. I was really pleased to meet some of your fellow furry companions, maybe next time they will want to talk to us as well. If you have not been able to share with us, or if you did not feel confident enough, do not worry, you will have the opportunity to do it during our next zoom circle time on Wednesday.
As you can see the weather has become extremely hot and sunny. It is great but do remember to stay safe when you are going outside. A few weeks ago, you had to create a poster on how to stay safe in the sun. Now is a great time to apply those recommendations. Could you send me your posters, so I can ask Ms Newton or Mrs Ahearn if we can display them around the school for the children who are coming to King Athelstan.
This week, I am reading you the second part of <u>Grand-Pa was an astronaut</u>. Do you think Grand-pa, Sherman and Luna have managed to land on the moon safely? What will happen on the moon?

What is Charlie up to? Is it another musical instrument?

Remember to drink regularly in this heat.

Take care and stay safe,
Miss Sarton

Welcome

Dear Da Vinci families,

How are you all? Have you been enjoying the hot weather? Even Mona is wearing her sunhat! It was great to see so many of you on our Zoom call last week. I loved hearing what you had all been doing and really enjoyed seeing some of the things you have been making. What a very creative class we have!

My exciting news this week is that we have got some new garden furniture. But the best bit is that it came in an ENORMOUS box, which we're going to use to make something. What would you make out of it? How about a rocket or a boat?

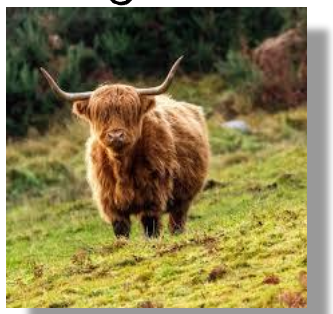
It was great to hear how so many of you are keeping fit and active with lots of you cycling, playing basketball, badminton, football or even some lovely walks. My family and I went for a long walk in a place called 'Devil's Punch Bowl'. We saw a herd of Highland cattle with enormous horns, bilberries growing in the bushes and a deer and her fawn. Do you know the name for a female deer?

Hope to see you all on Zoom on Friday! Check your email for the invite.

Have a great week.

Stay safe and take care,

From Mrs Williamson



What would you make out of this huge box? It's big enough for you to climb into!

Wellbeing Activity

Marcus Rashford is an **inspiration**

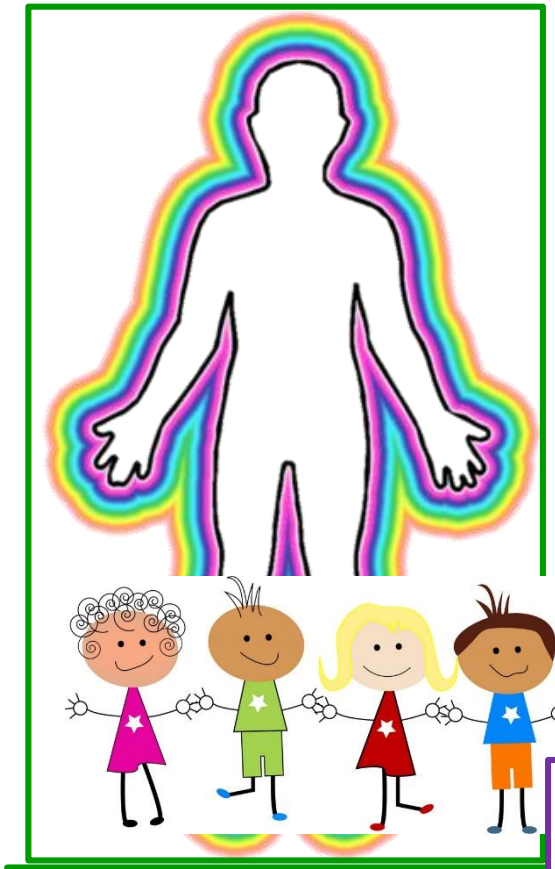
Year 3: Friends that inspire you – what makes a great friend?

courageous

reliable

caring

Year 3, think about your amazing friends – who do you admire and how do they inspire you? What makes a great friend? Now, draw the outline of a body and label it with lots of inspirational qualities – create your very own template for an inspirational friend – and think about how inspiring a friend *you* are!



My Inspirational Friend!

Did you know:
Shaggy made his debut in 1969 in "Scooby-Doo, Where Are You" as the owner and **best friend** of great dane, Scooby doo. They have been friends ever since.

Reading Activity

Vocabulary

Can you find the following words in the text?
What do they mean?

Compute abacus forerunner program

1. What does compute mean?
2. What was the first computing machine like?
3. Where and when was it used?
4. Who invented the analytical engine?
5. How did the analytical engine work?
6. How was the analytical engine different from older computers?
7. What did Ada Lovelace create for the first time?

The computer age

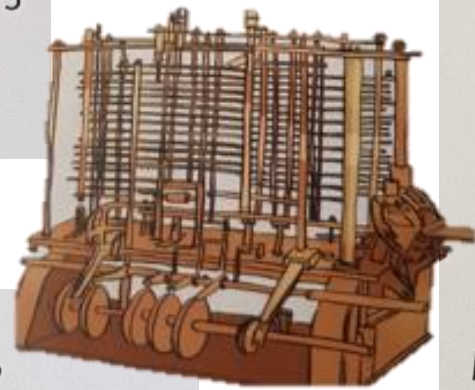
Computers are a huge part of modern life, and most of us use them every day. Yet the computer was never really "invented" – it developed gradually. No single inventor thought it up.

Mathematical machines

A computer is basically a machine that computes. That means it takes in numbers, does mathematical calculations on them and gives out the results. In some ways it's just a much more complicated version of the abacus – a set of beads on a wooden frame. By moving the beads, you can store numbers and do calculations. People were using abacuses in Babylonia (in what is now Iraq) up to 3,000 years ago, and in some places they still do.

From the 1600s, inventors began to develop more complex calculating machines. The most important was the analytical engine, designed by English mathematician Charles Babbage in the 1840s. He never finished building it, but it was the forerunner of modern computers. Unlike an abacus, the analytical engine could follow a set of instructions – a computer program.

Roman boys used abacuses to learn mathematics at school. The abacus is a simple calculating machine – an early version of the computer.



If he had completed it, Babbage's analytical engine would have looked like this. It was steam-powered and worked using wheels and cogs.

Ada Lovelace, the daughter of the great poet Lord Byron, created programs for the engine. She is now remembered as the first computer programmer.

The first computer programs were cards with patterns of holes punched in them, designed to be fed into the machine.

Vocabulary

Can you find the following words in the text?

What do they mean?

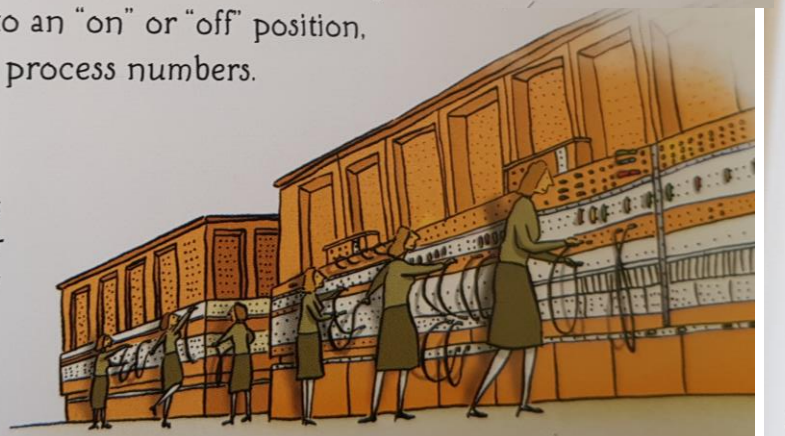
vacuum process integrated silicon

1. What did computer have to do during World War II?
2. Which device did they use?
3. How was it different from the previous computer?
4. Could we have used one of those computers in our classroom? Why ?
5. Fill the sentence: Transistors made computer _____
6. Today, where do we use computers (give two examples.

Electric computers

Babbage's work was forgotten for a while. But during the Second World War, governments needed computers to crack codes and plot missile paths. Instead of using cogs and wheels, inventors designed new electric computers that used devices called vacuum tubes. A flow of electricity through each tube could set it to an "on" or "off" position, allowing the tubes to store and process numbers.

ENIAC took up as much space as 5 modern school classrooms, and contained over 17,000 vacuum tubes.



The first fully functioning, digital, programmable vacuum-tube computer was called ENIAC (Electronic Numerical Integrator And Computer). It was designed and built by two US scientists, John Mauchly and J. Presper Eckert, from 1943 to 1946.

Getting smaller

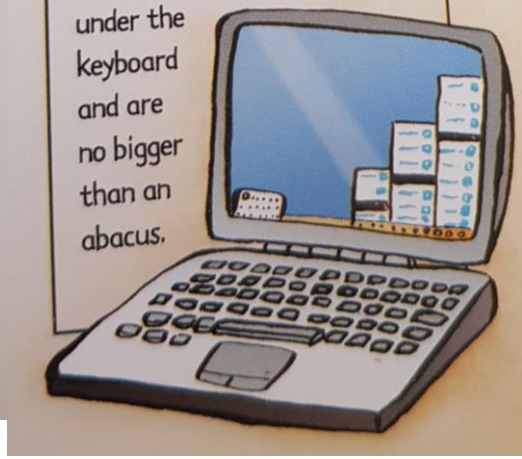
In 1947, US scientists Walter Brattain and John Bardeen invented the transistor, a kind of tiny electronic switch. Transistors were soon used to replace bulky vacuum tubes in computers. This made computers much smaller. They became smaller still when Jack Kilby and Robert Noyce invented the integrated circuit, or silicon chip, in 1958. Instead of being made up of lots of separate transistors, a computer's electrical circuits could be fit onto a tiny slice, or chip, of the mineral silicon.

Computers for the people

Gradually, computers became small and cheap enough to be used in offices, and then at home. The MITS Altair 8800, launched in 1975, was the first home computer. Today, most homes have at least one computer.

On the move

Computers can now be made small enough to carry around in a bag or even a pocket. Laptop or notebook computers have their circuits and chips hidden under the keyboard and are no bigger than an abacus.



Reading Activity

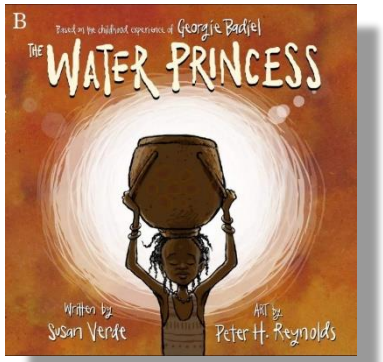
Audio Books For Free

This week's mystery reader is Mrs Whooley reading Chapter 1 of 'Gangsta Granny' by David Walliams.
https://www.kingathelstan.kingston.sch.uk/covid-19-home-learning/story-time/story-time-videos-29-6-20/

Click here to get Started

https://www.youtube.com/watch?v=4uUvXLv5go0

This story reminds me of Zahra who had to collect water for her plant. The Water Princess has to work hard to collect water for her and her family. How does your day compare to hers? What do you have to do every day?



Why not pull up a chair, pour yourself a cool drink and grab a marmalade sandwich to listen to our favourite Bucket List bear, Paddington.
https://www.youtube.com/watch?v=5Uil5vi0cg0
Start at about 1 min 30

This week's story time is Miss Sarton reading the next part of 'Grandpa was an Astronaut' by Jonathan Meres.
https://www.kingathelstan.kingston.sch.uk/covid-19-home-learning/story-time/story-time-videos-29-6-20/

Click here to get Started

Here's a link to all of the King Athelstan staff reading books!
http://www.kingathelstan.kingston.sch.uk/assets/Uploads/downloads/We-Love-Books.mp4

Click Me

Did you enjoy the Astropup story last week? Listen to Part 2 of Astropup to find out what happens next to the hero of the story, Bonzo. https://www.storynory.com/astropup-part-two/

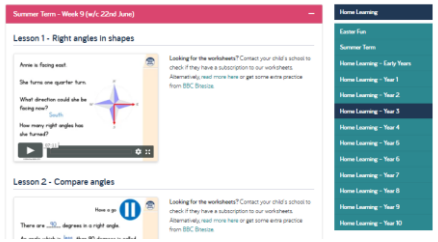
Maths Activity

Last week we looked at the perimeter of shapes. This week we're looking at features of shapes, finding out about angles, lines and symmetry.

The videos are on the White Rose Maths Hub website – click below – Week 9 (w/c 22nd June)

The worksheets are on the school website

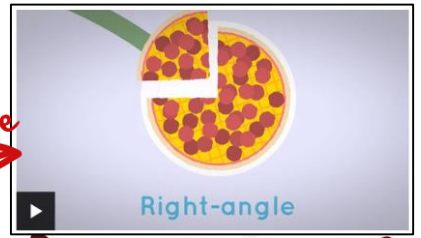
Click here



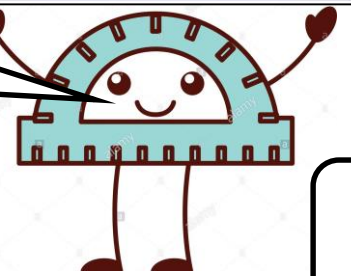
An **angle** is a measure of a turn, measured in degrees or °. There are 360° in a full turn. An **angle** less than 90° is acute. An **angle** between 90° and 180° is obtuse.

Remember to keep your times tables sharp by using TTRockstars.
Try a little bit every day.

Click here



Watch this video to understand more



Try this game to practise identifying types of angles.

http://www.snappymaths.com/other/shapeandspace/angles/interactive/acuterightobtuse/acuterightobtuse.htm

Try these for more help

https://www.bbc.co.uk/bitesize/articles/zwy3trd

https://www.bbc.co.uk/bitesize/articles/z2gcsk7

Here's a song to help you learn more about angles.

Practise

Activity 1

LOLA

JAMES

Finding angles in your name

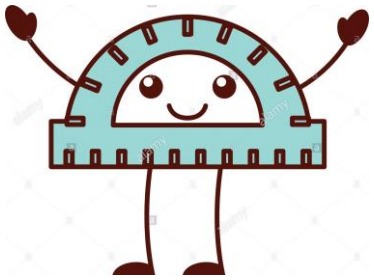
Write your full name in capital letters, like the examples opposite.

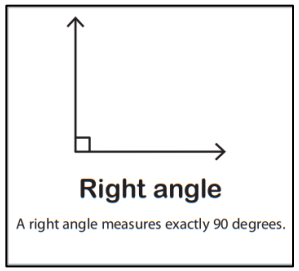
- Highlight all of the right angles – how many are there?
- Which capital letter has the most right-angles?

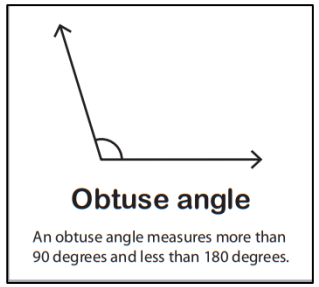
Repeat the activity with one of your friend's names.

- Does their name have more or fewer right angles than yours?

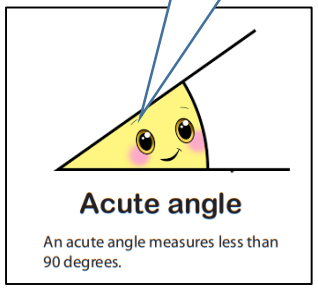
Try these activities to practise your angle finding



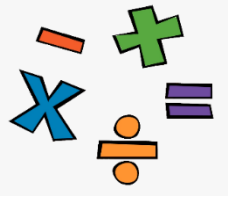




Ahh! It's so cute!



Maths activity

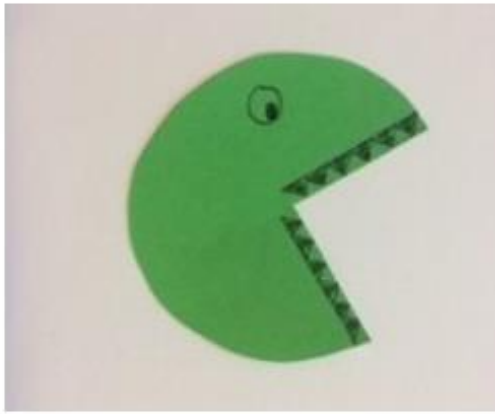


Activity 2

Make your own right-angle checker

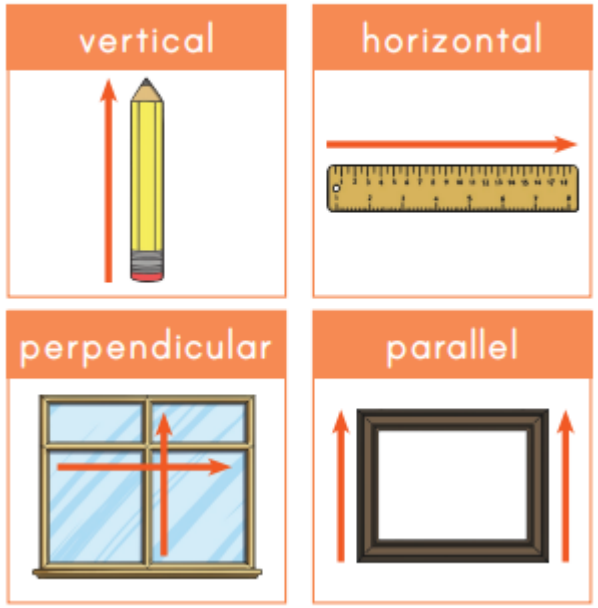
For this activity, you are going to make your own **right-angle checker**.

1. Draw around a round object, such as a tin, to make a circle.
2. Divide the circle into four equal sections, then cut one of these out, so it looks something like the image opposite.
3. Finally, turn over your right-angle checker and decorate it however you like – why not add an eye and some teeth?



You now have your very own right-angle checker . Go on a hunt around your house and see how many right-angles you can find. The pictures below give you some good ideas!

Types of Lines



Click here for vertical and horizontal lines

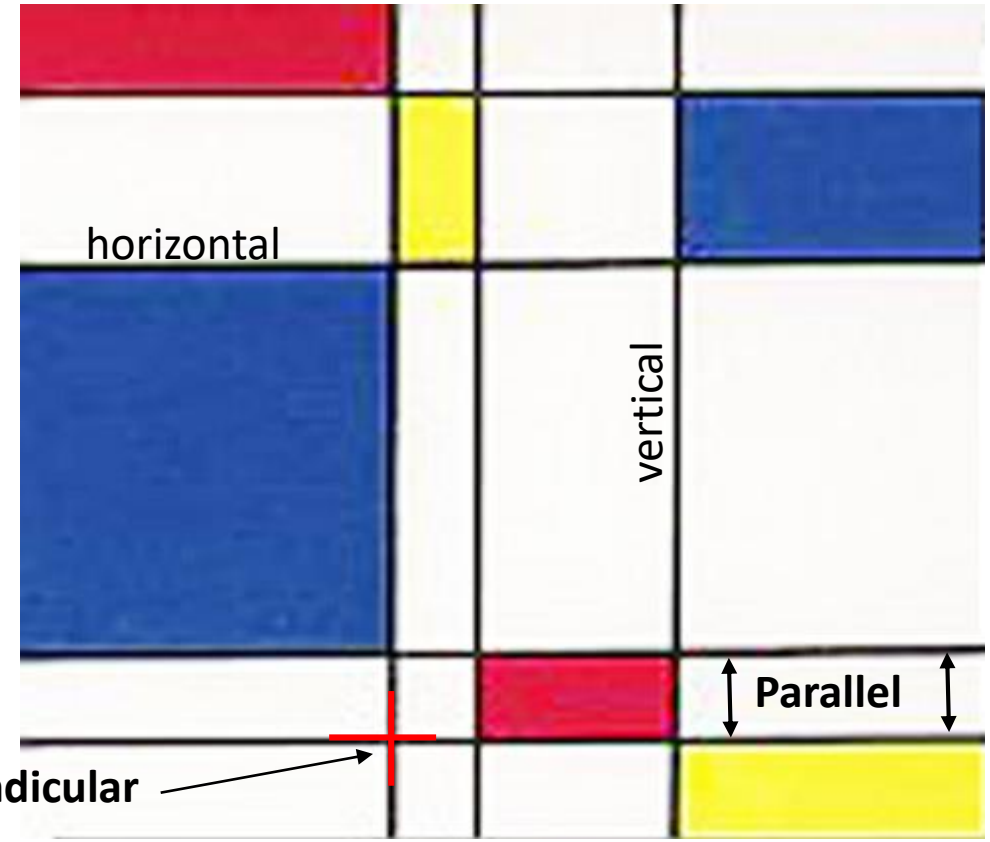
Click here for perpendicular and parallel lines

Parallel lines are straight lines which never meet. They are stay the same distance from each other, like a road or railway tracks

Perpendicular lines cross each other at a right angle

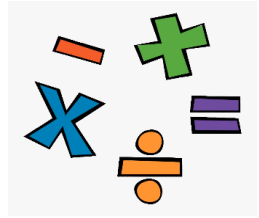
https://www.bbc.co.uk/bitesize/articles/zxc9ydm

Activity 1 – Draw an art work inspired by Mondrian and count up how many vertical and horizontal lines you use

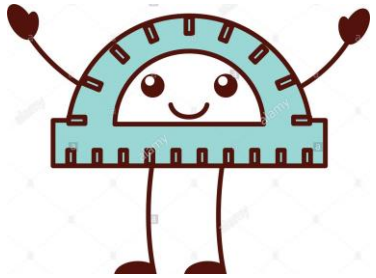


Activity 2 – Identify which lines in your picture are perpendicular and which ones are parallel

Maths activity



Try these activities to practise your angle finding



Wall E and Eve go to meet Captain McCrea, who is taken aback by a positive probe response and learns that placing the plant in the ship's Holo-Detector will trigger a hypperjump back to Earth. Unfortunately, the plant proves to be missing from EVE's storage compartment. With the plant missing, EVE is deemed faulty and taken to Diagnostics. WALL-E proceeds to "free" her along with the other faulty robots, causing them to be designated rogue.

This plant is vital for Wall-E and Eve. They must find it Can you help them by writing a missing poster?

Here are the links to watch the extracts:

Wall E and Eve go to see the captain:
https://www.youtube.com/watch?v=NA20zXFALL0
The plant is missing:
https://www.youtube.com/watch?v=xoa25BjRP-I

Adjectives for leaves

Waxy
Smooth
Curved
Delicate
Shiny
oval

Adjectives for stem

Slim
Slender
Fragile
Graceful
Arching
bending

Adjectives for boot

dirty	grubby
muddy	gnarled
leathery	rugged
ancient	scruffy

Have you seen this plant?
It was last seen aboard the spaceship, but has been stolen in the last 24 hours. It has waxy, green leaves and a stem as strong as iron. It smells as sweet and as aromatic as perfume. Its roots are an anchor.

I can write a wanted poster

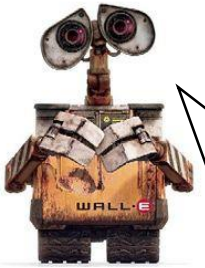
Include in your poster:

- adjectives
- Key information (last seen)
- Different senses
- Simile / metaphor
- Adjective openers

Don't forget to check your writing for

- Punctuation
- Spelling mistakes
- Precise adjectives
- Varied starters

Topic Activity

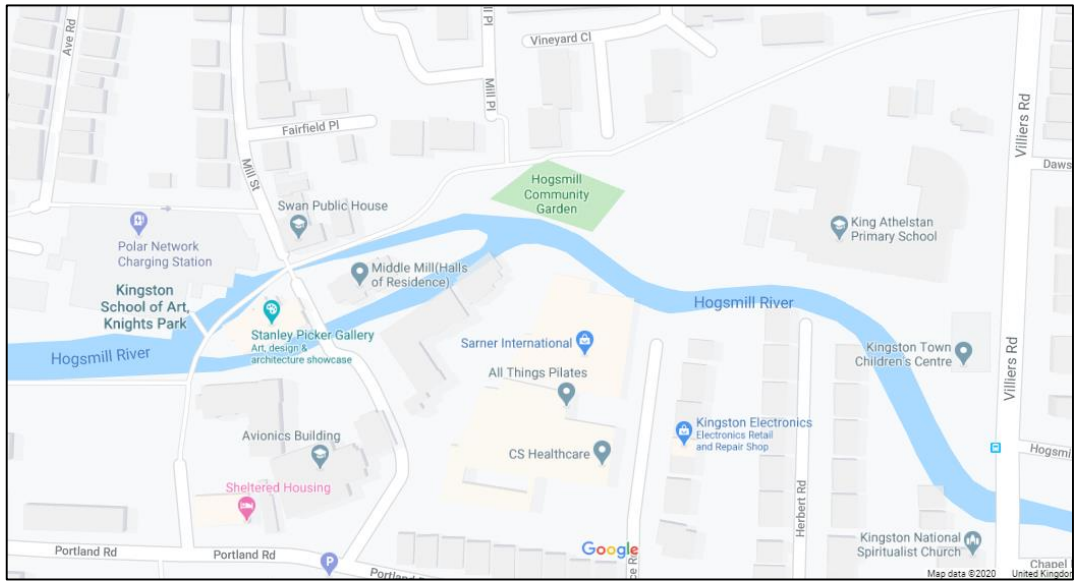


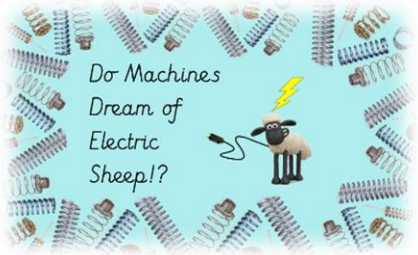
Can you tell me about the Hogsmill River? I hear it is very interesting!

Look at the two images. One is a map, the other is a satellite image or aerial photograph. Can you use your detective skills to work out where the Hogsmill River goes and draw a map for Wall.E?

Word bank

map, compass, north, south, east, west, direction, river, feature, landmark, route





Why not try walking the route of the Hogsmill from our school into town and find where it reaches the Thames River

Use this link to look at some pictures of the Hogsmill River (starting at Ewell)

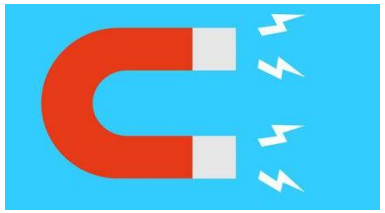
https://www.londonslostrivers.com/hogsmill-river.html

This link shows you a walking route along the Hogsmill River (start on instruction 2-3)

https://www.surreycc.gov.uk/__data/assets/pdf_file/0007/98548/ES-Hogsmill-River-Trail-Part-Two.pdf

Magnetic force

Science Activity



Let's carry on with our magnet investigation. This week I would like you to investigate magnetic force a little further. We know magnets have two poles: a north one and a south one. But do you know which your fridge magnet is?

This week science vocabulary:

pole, magnets,
attract, repel,
magnetic non-magnetic

The ends of a magnet are called poles. When you bring two magnets close to each other, they will either pull together or push away from each other, depending on how their poles are lined up.

Predict whether two magnets will attract or repel each other, depending on which poles are facing

You will need

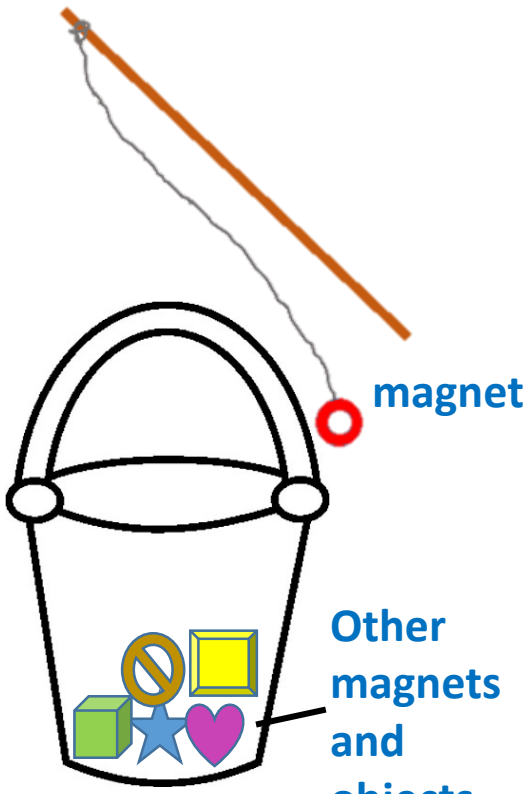
- A large selection of different fridge magnets
- A long stick and string – to make magnetic fishing rods
- Large tub/tank of water

Activity:

- Attach a sting on a long stick and add a small magnet at the end.
- Fill a bucket with different magnets. You can also add some magnetic objects and other small random objects.
- Try to catch as many objects as you can with you fishing rod .

Challenge:

- Time yourself. How many objects can your magnet attract in 30 seconds.
- Challenge another player. Who can catch the most magnets?



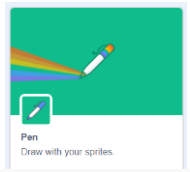
Poles of a magnet
https://www.dkfindout.com/uk/science/magnets/poles-magnet/
https://www.bbc.co.uk/bitesize/topics/zyttyrd/articles/zpvcrdm

Computing Activity

I hope you enjoyed making your dancing robot last week. This week our task links to our maths work on angles. We're going to get Scratch to draw some shapes.

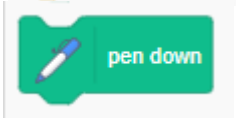
1. Click on the Add Extension icon in the bottom left hand corner

2. Choose the Pen Extension. This will add another set of blocks



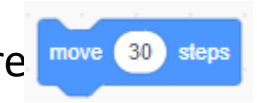
3. Choose an event which will make Scratch move

4. Choose Pen Down

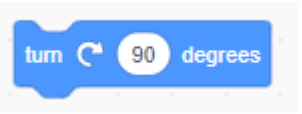


Now Scratch is ready to draw

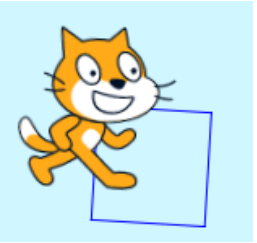
5. Decide how many steps Scratch will take – the more steps, the bigger the shape



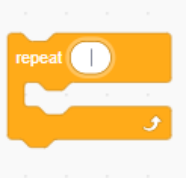
6. Let's draw a square. Remember, there are 90 degrees in a quarter turn. Add a turn block



7. Now click your event command to make Scratch move. How many times does he need to move to make a square?



8. Try adding a repeat block



Challenge

What other shapes can you make?

Note for parents/ carers:

Scratch has a 'For parents' section for you to find out more about your child's online safety. Children can try out games and create games without logging on. They will not be able to save the games. If you want to set up a login for your child, this is your choice.

Physical Activity

Netball

- This week you are going to look at catching skills whilst moving into space.

Key points to remember when passing into space:-

- Correct amount of power.
- Correct pace for your partner to catch.

Catching on the move:-

- Timing.
- Body needs to be balanced.
- Have hands ready to catch the ball (you have learnt this in rugby).

Challenge 1

- Create a square about 3m in size. There needs to be 3 players.
- Two players need to pass the ball/safe object between them.
- The other player is trying to intercept the ball/safe object.

Challenge 2

- How many passes can the two players complete in 60 seconds?
- How many times can the one player intercept the ball?

Remember

- Try not to move with the ball.

Gymnastics

- This week you are going to learn how to do a teddy bear roll.
- You can complete this indoors or outdoors.
- Read the instructions carefully.

Key Points:-

- Sit in a straddle position with hands on the ground, lift left leg off the ground, keeping the right leg straight. Repeat this with the other leg.
- Sat in straddle position, with hands on shins, lift up left leg and balance on right shoulder.
- Sat in straddle position and perform this on the other side.
- Lying on your back with legs in the air in the straddle position, rock side to side.
- Link both movements together – lift left leg and lean over to balance on the right shoulder, then rock over onto the left shoulder.
- Repeat onto one flowing movement rolling into a continuous circle.

Watch this you video to help you
https://www.youtube.com/watch?v=TmXWhvNfNtA

Hi guys, I hope my slides are helping you stay active! Hopefully see you all soon!
Mr McLaughlin

Art Activity

Summer Art

Card works best for this, especially if you are painting or sticking – you could use an empty cereal box.

What a scorcher of a week! To celebrate the lovely sunshine we've been having, have a go at creating a 'flip flops by the sea' picture.

Sea

For the sea you could use blue and white paint or crayons, or strips of blue and white paper. Try to create a wavy pattern to look like the sea.

Sand

For the sand you could use yellow crayons or paint, torn up pieces of yellow paper or crushed up cereal such as cornflakes or rice crispies.

Flip Flops

To create your template, draw roughly round your feet – no toes needed! Then cut out.

Consider your design first , then colour and decorate your flip flops. You could draw or stick on the straps. Make them as colourful and funky as you like!

Music Activity

This week we are going to find out about a composer and listen to some classical music! Yes – Classical!

Florence Price

Florence Price was the first African-American woman to have a piece performed by a major symphony orchestra.

Try the Juba Dance!

Listen to the whole piece. How does it make you feel?

Watch this video to find out more about her.

https://www.bbc.co.uk/teach/ten-pieces/classical-music-ks2-florence-price-symphony-no1/zr48gwx

https://www.bbc.co.uk/teach/ten-pieces/classical-music-ks2-florence-price-symphony-no1/zr48gwx

I wasn't sure if I liked classical music that much but really enjoyed listening to this piece of music. I even had a little dance around my living room! ☺ What did you think?
Remember it's always good to try out new things – You might surprise yourself!

Year 3:

Bonjour!

French Activity

Let's carry on playing with numbers. This week, we are going to play a game. You will need to play with at least one other player.

- Start saying. "Je pense à un number." (Juh ponse a uh numbruh,) = I am thinking of a number
- Your opponent will have to guess by saying a number between zéro and vingt.
- If (s)he is correct say: "C'est correct" (say correct) = It's correct.
- If (s)he is wrong say " Ce n'est pas correct" (suh nay pah correct) = It's not correct.
- If they need a greater number say : "C'est plus." (Say ploose) = It's more.
- If they need a smaller number say: " C'est moins" (Say mwaah) = It's less

1: un	11: onze
2: deux	12: douze
3: trois	13: treize
4: quatre	14: quatorze
5: cinq	15: quinze
6: six	16: seize
7: sept	17: dix-sept
8: huit	18: dix-huit
9: neuf	19: dix-neuf
10: dix	20: vingt

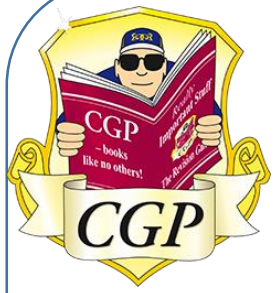
Gagné

Extra Home Learning KS2

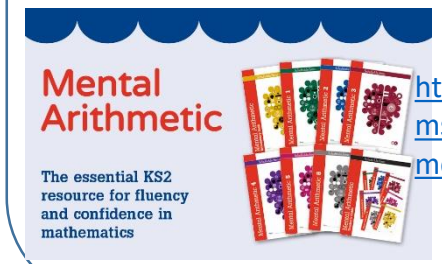
Here are some extra websites and resources you can access if you would like your child to be doing more at home.

https://www.kingathelstan.kingston.sch.uk/covid-19-maths/

Recommended Work Books



https://www.cgpbooks.co.uk/primary-books/ks2/english/reading/em6hsb23-year-6-home-learning-bundle-maths-en



https://www.schofieldandsims.co.uk/key-stage-2-mental-arithmetic/

https://www.twinkl.co.uk/resources/covid19-school-closures

OAK NATIONAL ACADEMY

The Oak National Academy has virtual lessons to follow!

https://classroom.thenational.academy/year-groups/

Log on to Busy things for fun learning activities. Use your j2e login.

LGfL

https://www.busythings.co.uk/play/