Welcome

Dear Da-Vinci and Cassatt families

It has been very different in school this week but so nice to see some familiar smiley faces! I can't wait until we can all be back together again. I hope you have been enjoying the home learning slides and the story time videos. I was a mystery reader last week...did you see my story called 'Look Up'? Check it out here if you missed it! https://youtu.be/Ewpd_OqFQVU

Now that we are allowed to see some friends and family outside, at a distance, I met up with one of my best friends, Emma. It rained but we still kept to the rules and stayed outside! It was strange not to be able to give her a hug, but it was so nice to see her! We talked about all of the holidays and fun adventures we have had in the past and what we are looking forward to doing when things go back to normal.

This month we would normally be celebrating international day in school with food from around the world and creative activities like traditional dancing, singing and crafts. Do you remember on international day last year we had a book bus visit?

You all enjoyed exploring the books and some of you bought one to take home! Make sure you check out the audio book slide for some books to read virtually. On my last welcome slide I said I was reading Lord of the Rings. I have finished the first book and now I am reading 'The Two Towers' which is the next book in the trilogy. What are you reading at the moment?

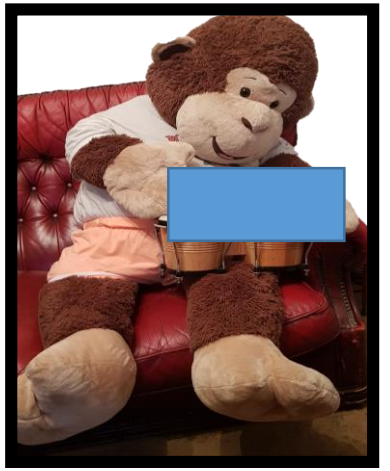
Keep sending your amazing home learning pictures to the admin email. I love seeing what you have been up to! Missing you all, Love Mrs Ahearn. xxx

Dear Cassatt Families,

Welcome

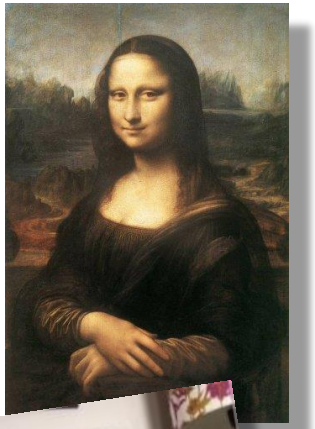
How are you? How was your week? Have you been very busy?
What an interesting week it has been! After spending the first few days at school with some of you, I have had to stay at home and prepare weekly activities for the slides. Unfortunately, or maybe fortunately, the weather has changed and the bright sun from last week has been replaced by grey menacing clouds and I have not been able to go outside in my garden or for long walks in my neighbourhood. Instead, I have been inside, enjoying a good book with a nice cup of tea every afternoon. Of course, I still need to take Benjy for regular walks as he would get extremely upset and would let the whole street know with loud deafening barks, but I have to make sure I bring my umbrella with me whenever I go outside.
Did you know that in France, this week, was Mothers' day? We celebrate it as well but not on the same day. If we were in school this week we would be celebreating 'Super Hero Day'. International day is coming soon and Mrs Ramkissoon has prepared some fantastic activities for you to do. Have a look on the Wellbeing slides.

Take care and stay safe,
Miss Sarton



What is Charlie doing this week?

Welcome



Dear Da Vinci families,

How are you? What have you been doing this week? Have you read any good books lately? I belong to a book group who usually meet every 6 weeks or so. We're still managing to catch up on video calls. I always love to hear what everyone has been reading and it's a great way to get some inspiration for what to read next. Maybe you could share your favourite books with your friends and inspire someone with a new story!

We've been growing some strawberries in a couple of pots in our garden and they are just starting to ripen. Once they're ripe we have to be quick to pick them because there are a lot of other interested customers. Can you see who is in the middle of this strawberry?

Have a great week.

Stay safe and take care,

From Mrs Williamson

Did you get it?

Answer

			528			
		286		242		
	152		134		108	
78		74		60		48
	41		37		37		23		25
	25		16		21		16		7		18	
18		7		9		12		4		3		15

Wellbeing Activity

Happy International (at home) Day!

Please dress up in a traditional costume or cook food that your family love, which represents your culture.
Please take a photo and send it into school.

We can't all be together this year but we can create a video of pictures to put on our website ☺☺☺☺☺

admin@kingathelstan.rbksch.org

Wellbeing Activity

Year 3:
Different language, same message!

In school, at this time of year, we are usually preparing for our **International day.**
It is a day where we celebrate everyone's unique culture within our **King Athelstan family.**
Sadly we are not able to do this at present, but we can still think about all the wonderful things that make us **different but equal.**

Pochít sprema síte

Bangga dengan dirimu

être gentil avec les autres

Can you work out what **Mrs Rizza is saying in Masadonian?** What is **Mrs Hosseinian saying in Indonisian?** What is **Miss Sarton talking about in French?**
Wow, what amazing languages and cultures we have at King Athelstan!
Create a poster of kind words in as many languages as you can... You might want to use google translate.

Happy International (at home) Day!
Be kind.
Be proud.
Be respectful to all.

Who is your superhero?

Your grandad, step dad, uncle, brother or dad?

Show them you ❤ them

Bake it

Shake it

Cake it

Marvellous Muffins

Ingredients

2 medium eggs
125ml vegetable oil
250ml semi-skimmed milk
250g golden caster sugar
400g self-raising flour
1 tsp salt
100g chocolate chips or dried fruit such as sultanas

Method:

Heat oven to 200C/180C fan/gas 6.
Line 2 muffin trays with paper muffin cases.
In a large bowl beat 2 medium eggs lightly.
Add 125ml vegetable oil and 250ml semi-skimmed milk and beat until just combined.
Then add 250g golden caster sugar and whisk until you have a smooth batter.
Sift in 400g self-raising flour and 1 tsp salt, mix until just smooth. Be careful not to over-mix the batter as this will make the muffins tough.
Stir in 100g chocolate chips or sultanas.
Fill muffin cases two-thirds full and bake for 20-25 mins, until risen, firm to the touch and a skewer inserted in the middle comes out clean.
Leave to cool, then serve to your superhero!

Create a Superhero Lucky Dip. Find a clean jar and fill it with superhero kindness for your special person.

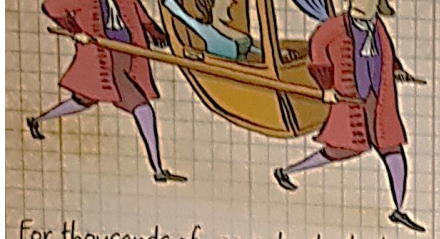
You are as brave as Batman!

Have a Spiderman web of hugs

You are a 'Superman, Super brother!

Thank you for helping me with my homework. You are as clever as Ironman!

You make me feel as strong and safe as Captain America



LAND TRANSPORT THROUGH THE AGES

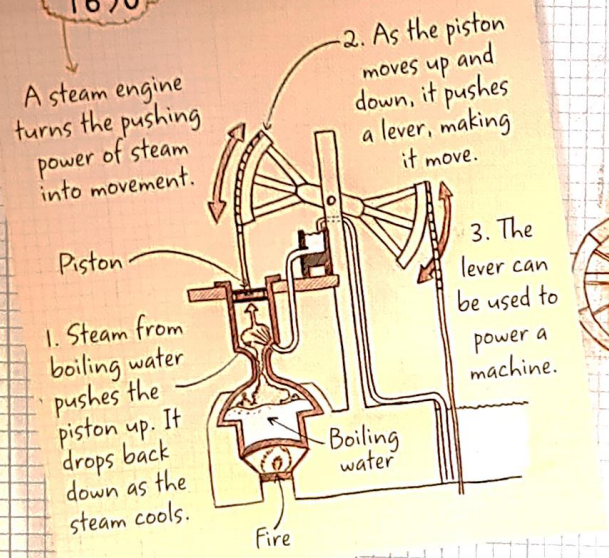
For thousands of years, land vehicles were powered by horses - or humans. People could hardly imagine a carriage that went by itself...

People make millions of journeys every day – mostly on land. And we've invented loads of ways to get from A to B.

... but that became possible with the invention of steam engines by Denis Papin, in 1690.

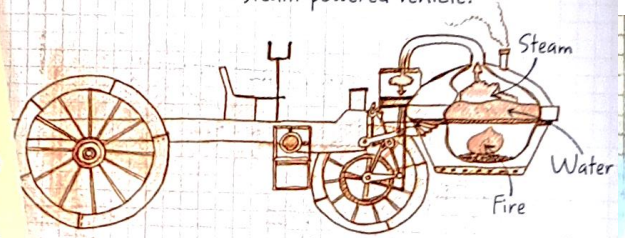
1690 The steam engine

A steam engine turns the pushing power of steam into movement.



1769 Steam-powered wagon

In 1769, French inventor Nicholas-Joseph Cugnot built a wagon powered by a steam engine. It was probably the first ever steam-powered vehicle.



But Cugnot's steam wagon was slow and hard to drive. In 1771 it crashed into a brick wall.

Reading Activity

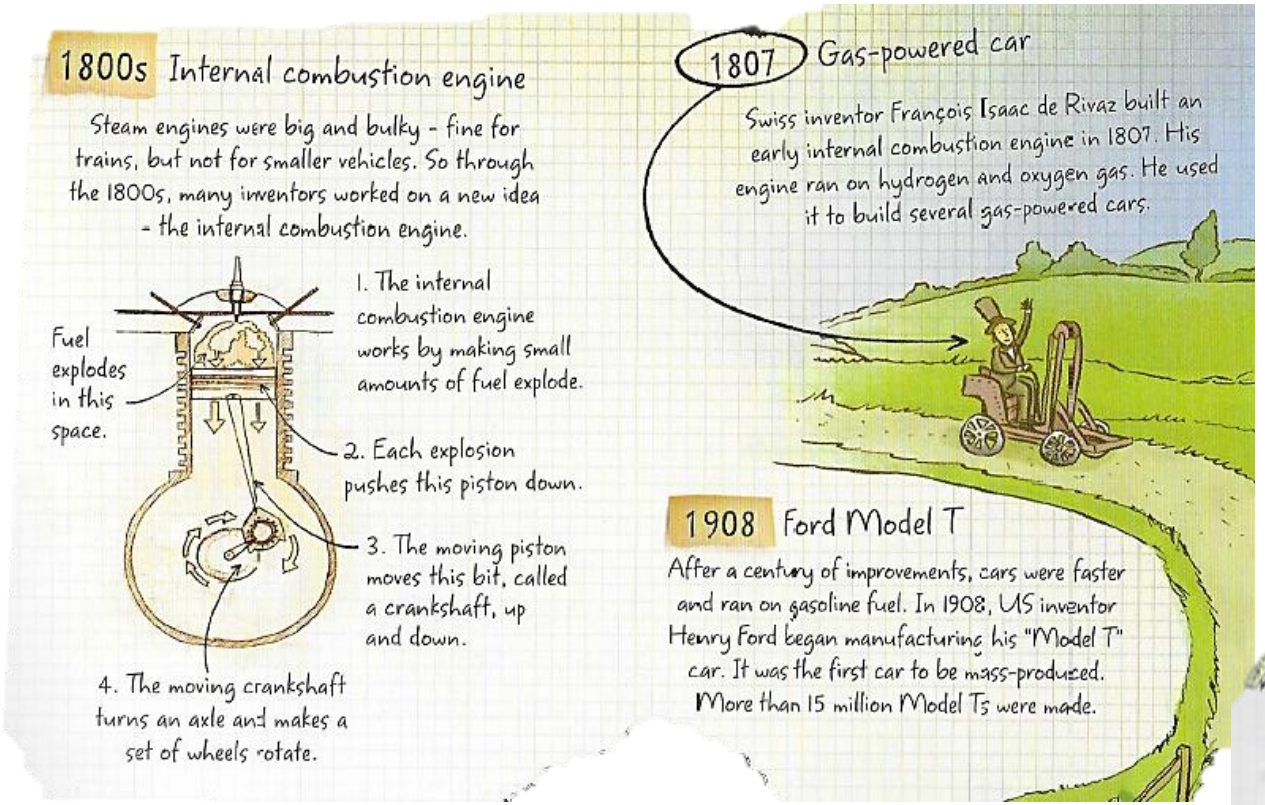
1. Before the first vehicle was invented, how did people use to go around?
2. When the first vehicle made?
3. How did it work?
4. Who created the first team wagon?
5. Was it a good invention? Why?
6. How fast could the steam train called the Rocket go?
7. How would people from 1804 feel about the speed of our modern cars?

1804 Steam trains

Inventors soon realized steam engines worked better with trains than with wagons. British inventor Richard Trevithick built the first steam train in 1804. By the 1830s, trains such as the Rocket, built by George Stephenson, were carrying paying passengers.

Stephenson's Rocket could go at 50km/h (30mph). Some people were afraid that travel at this huge speed might be bad for you.

Reading Activity



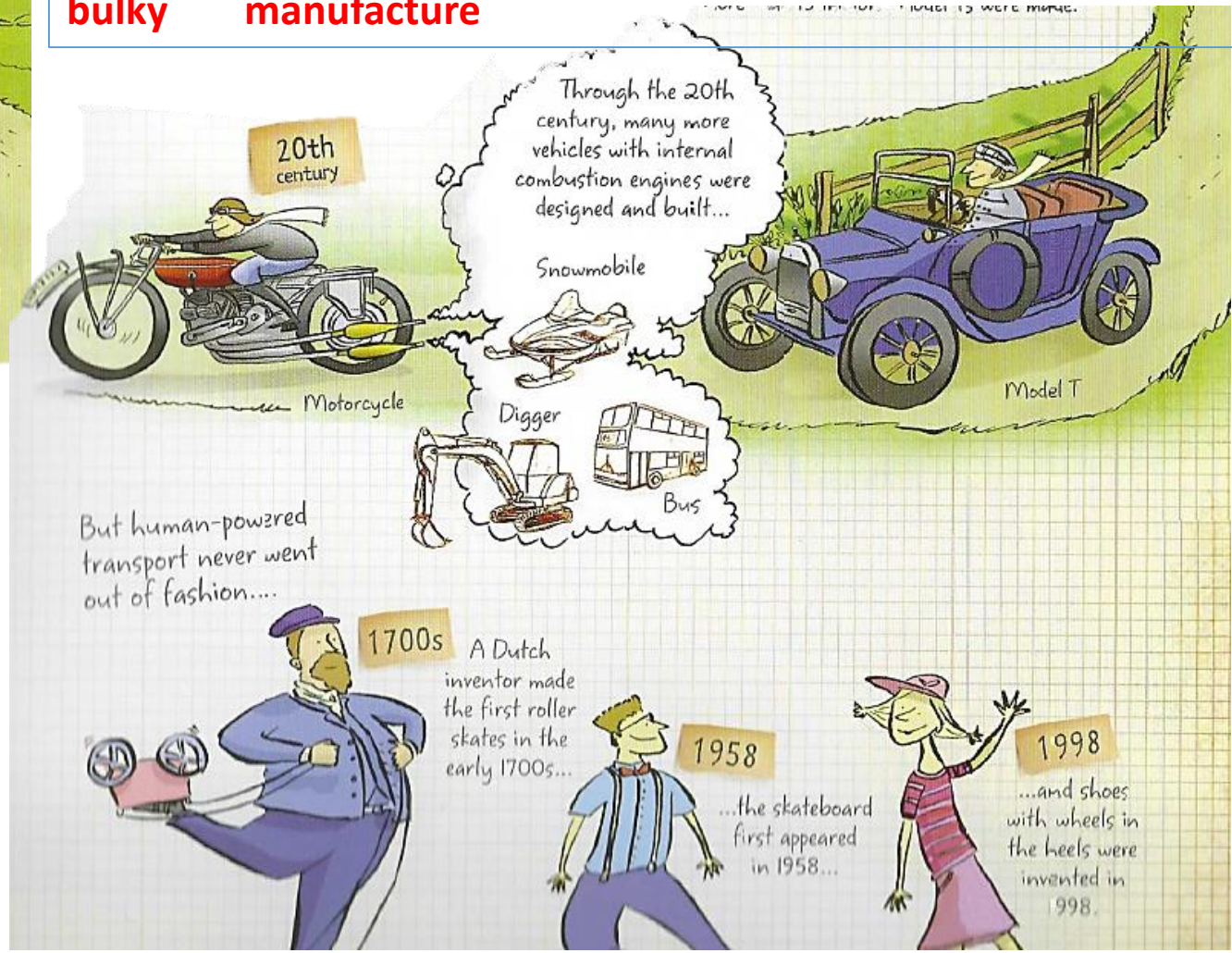
Vocabulary

Can you find the following words in the text?

What Do they mean?

engine **piston** **vehicle**

bulky **manufacture**

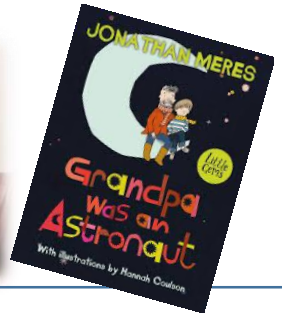


1. Could the steam engines work on cars? Why?
2. What did inventors created for smaller vehicles to work?
3. Which gas were put in the first gas powered car?
4. Ford invented the "model T" car. What was different about his car?
5. What are human-powered transport? Can you give an example?
6. Which way of transport do you like to use? Can you describe it? (Look at last week science slide to help you)

Audio Books For Free

audiobook

This week's story time is Miss Sarton reading 'Grandpa was an Astronaut' by Jonathan Meres.
https://www.kingathelstan.kingston.sch.uk/covid-19-home-learning/story-time/story-time-videos-15-6-20/

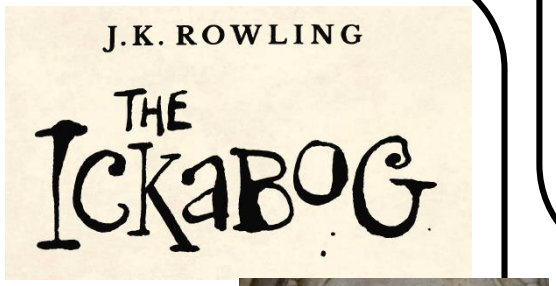


https://www.barneskidslitfest.org/

This is an amazing festival celebrating children's literature every year in Barnes (which was the home of Judith Kerr, writer of the Mog books). We were hoping to go and see Kevin and Katie Tsang during the festival but you can still enjoy lots of authors in your own home using the link above. You will need to register with an email but it is all free!

https://www.theickabog.com/home/

Did you know JK Rowling is releasing her newest book 'The Ickabog' a chapter at a time online? You will need to read the story yourself or get someone to read it to you. She wrote it a long time ago and it has been hiding in her attic!
She is running an **illustrating competition** for the new book!



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

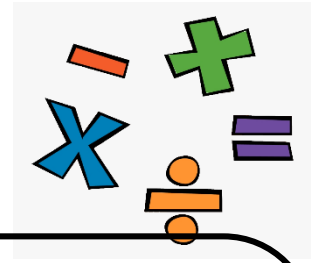
Click Me

Did you know Sam Wu is not afraid of the dark? Listen to the authors Kevin and Katie Tsang read an extract from this fantastic book: https://www.youtube.com/watch?v=UubCyCiFV20
See them at the Barnes Children's Literature Festival https://www.crowdcast.io/e/bclf2020-at-home-katie-&-kevin-tsang

Maths Activity

This week focuses on multiplication and division. You can recap your 4x and 8x table then use them in the methods we learned earlier in the year. The try the problem solving on Day 4.

Get someone to test you on your times tables.
How about making a game to help remember them, like snap? Or a song?



https://whiterosemaths.com/homelearning/year-3/

This week's maths is the unit called 'Summer term – Week 4 (w/c 11th May)'. (Don't worry that it doesn't seem the right date!)

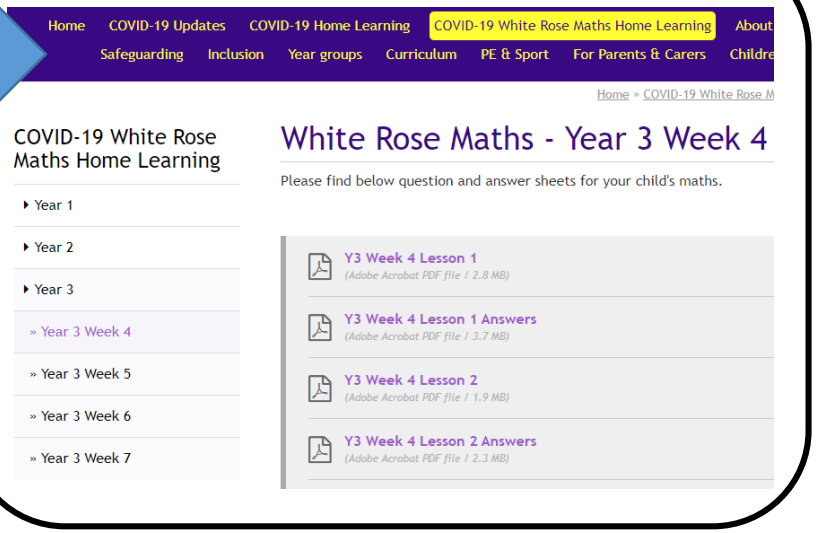
There is no Flashback 4 this week so for a warm up, why not do some TTRS or Topmarks Daily 10
https://www.topmarks.co.uk/maths-games/daily10

Next, watch the video pausing it to answer the questions on the activity sheets. The activity sheets are saved on the school website in the White Rose Maths home Learning section – Year 3 week 4

The next slides are useful if you can't access the website.

Need more help? Try songs to learn your tables
https://www.bbc.co.uk/teach/supermovers/times-table-collection/z4vv6v4
https://www.youtube.com/watch?v=IZ4ooLN7Bmo

For help from Khan Academy



Click Me

Maths activity

https://vimeo.com/415086682

Complete the number sentences.

a) 6 × 4 = ☐

b) 4 × 3 = ☐

c) ☐ = 7 × 4

d) 4 × ☐ = 48

e) 0 × 4 = ☐

f) 4 × 9 = ☐

g) 24 ÷ 4 = ☐

h) 8 ÷ 4 = ☐

i) 0 ÷ 4 = ☐

j) ☐ ÷ 11 = 4

k) ☐ ÷ 4 = 5

l) 1 × 4 = ☐

Write <, > or = to compare the statements.

a) 48 ÷ 12 ◯ 4

b) 36 ◯ 40 ÷ 4

c) 16 ÷ 4 ◯ 4 × 4

d) 4 ÷ 4 ◯ 4 × 4

e) 1 × 4 ◯ 4 × 1

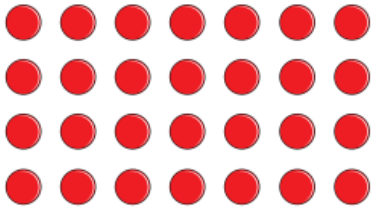
f) 4 × 2 ◯ 32 ÷ 4

Check out these times table games!

https://www.topmarks.co.uk/maths-games/7-11-years/times-tables

What multiplication and division statements does the array represent?

Complete the statements.



☐ × ☐ = ☐

☐ × ☐ = ☐

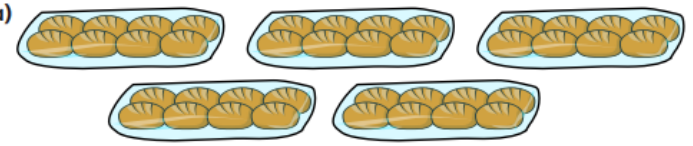
☐ ÷ ☐ = ☐

☐ ÷ ☐ = ☐

How many are there in total?

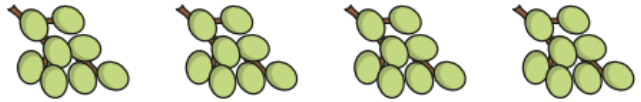
Complete the multiplications.

a)



☐ × ☐ = ☐

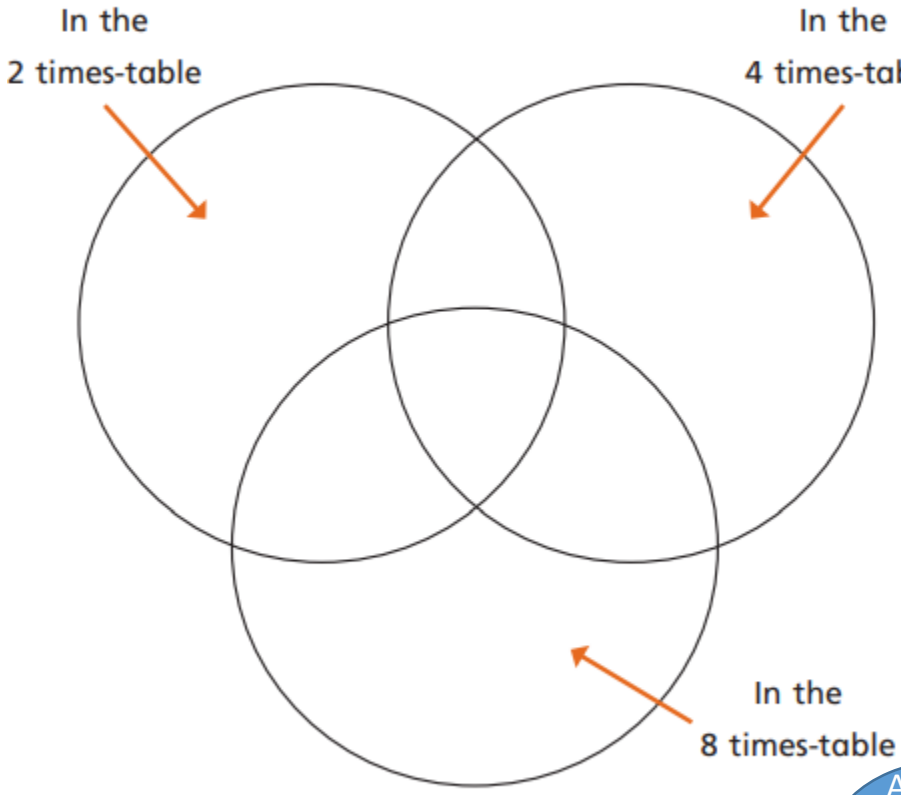
b)



☐ × ☐ = ☐

Put the numbers into the sorting diagram.

2 4 16 32 48 36 12 6



Are any of the parts empty? Why?

Talk about it with a partner.

Answers on the next page

Maths activity

https://vimeo.com/415086682

Complete the number sentences.

a) 6 × 4 = 24
b) 4 × 3 = 12
c) 28 = 7 × 4
d) 4 × 12 = 48
e) 0 × 4 = 0
f) 4 × 9 = 36
g) 24 ÷ 4 = 6
h) 8 ÷ 4 = 2
i) 0 ÷ 4 = 0
j) 44 ÷ 11 = 4
k) 20 ÷ 4 = 5
l) 1 × 4 = 4

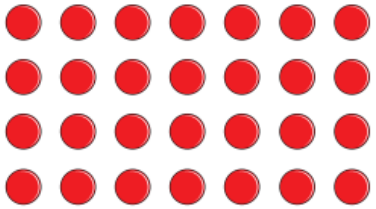
Write <, > or = to compare the statements.

a) 48 ÷ 12 = 4
b) 36 > 40 ÷ 4
c) 16 ÷ 4 < 4 × 4
d) 4 ÷ 4 < 4 × 4
e) 1 × 4 = 4 × 1
f) 4 × 2 = 32 ÷ 4

ANSWERS

What multiplication and division statements does the array represent?

Complete the statements.

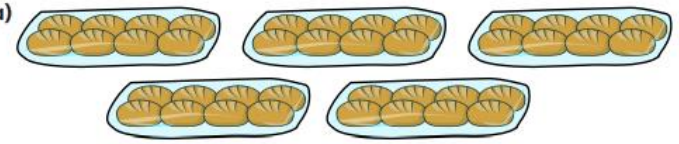


4 × 7 = 28
7 × 4 = 28
28 ÷ 7 = 4
28 ÷ 4 = 7

How many are there in total?

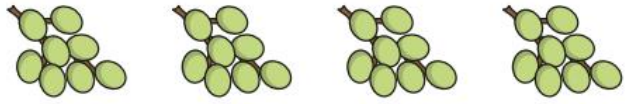
Complete the multiplications.

a)



5 × 8 = 40

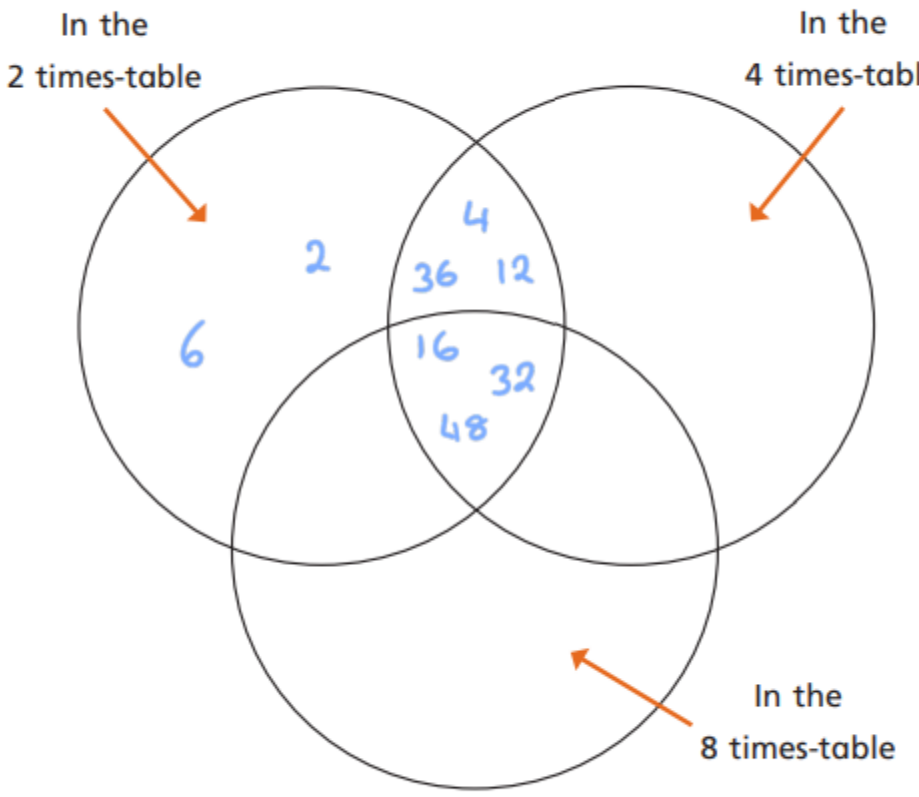
b)



4 × 8 = 32

Put the numbers into the sorting diagram.

2 4 16 32 48 36 12 6



Are any of the parts empty? Why?

Talk about it with a partner.

Maths activity

There are 23 marbles in a jar.

There are 5 jars.

Tens	Ones

How many marbles are there in total?

5 × 3 ones = ☐

5 × 2 tens = ☐

☐ + ☐ = ☐

5 × 23 = ☐

There are ☐ marbles in total.

https://vimeo.com/415086842

Other multiples games:
https://www.topmarks.co.uk/times-tables/coconut-multiples

Work out 4 × 15

Tens	Ones
10	1 1 1 1 1
10	1 1 1 1 1
10	1 1 1 1 1
10	1 1 1 1 1

4 × 5 = ☐

4 × 10 = ☐

4 × 15 = ☐

Complete the multiplications.

a) 4 × 24 = ☐

b) 3 × 17 = ☐

c) 3 × 25 = ☐

d) 34 × 4 = ☐

Work out the multiplications.

a) 25 × 5

	T	O
	2	5
×		5

b) 35 × 6

	T	O
	3	5
×		6

c) 5 × 26

d) 4 × 36

Find the missing numbers.

		2	2	
	×			
		8	8	

				1
	×			
		1	2	4

Multiplication questions

Answers on the next page

Here are some digit cards. 1 2 3 4 5 8

a) Use the digit cards to create a multiplication and work out the answer.

☐☐ × ☐ = ☐

b) Work with a partner to find calculations that have:

- an odd product
- an even product
- an exchange in the ones column
- an exchange in the ones and tens columns.

Maths activity

There are 23 marbles in a jar.

There are 5 jars.

Tens	Ones
	
	
	
	
	

5 × 3 ones = 15

5 × 2 tens = 100

15 + 100 = 115

5 × 23 = 115

There are 115 marbles in total.

Work out 4 × 15

Tens	Ones
10	1 1 1 1 1
10	1 1 1 1 1
10	1 1 1 1 1
10	1 1 1 1 1

4 × 5 = 20

4 × 10 = 40

4 × 15 = 60

Complete the multiplications.

a) 4 × 24 = 96

b) 3 × 17 = 51

c) 3 × 25 = 75

d) 34 × 4 = 136

Work out the multiplications.

a) 25 × 5

	T	O
	2	5
×		5
1	2	5
	2	

b) 35 × 6

	T	O
	3	5
×		6
2	1	0
	3	

c) 5 × 26

	T	O
	2	6
×		5
1	3	0
	3	

d) 4 × 36

	T	O
	3	6
×		4
1	4	4
	2	

Find the missing numbers.

		2	2		
	×		4		
		8	8		

			3	1	
	×			4	
		1	2	4	

Multiplication questions

Here are some digit cards. 1 2 3 4 5 8

a) Use the digit cards to create a multiplication and work out the answer.

E.g. 32 × 5 = 160

b) Work with a partner to find calculations that have:

- an odd product
- an even product
- an exchange in the ones column
- an exchange in the ones and tens columns.

ANSWERS

WALL·E

While looking for metal scraps, Wall-E discovers something new, frightening but also amazing. A space-ship is landing on Earth with something or someone inside. Wall-E's boring and dull life is going to change.

Can you help Wall-E remember this day for ever by writing a diary entry for him? Write it from Wall-E's point and don't forget to talk about his feelings

Here are the links to watch the extracts:

https://www.youtube.com/watch?v=-MAGXlKZB7c
https://www.youtube.com/watch?v=vkAjOPqTghg
https://www.youtube.com/watch?v=9yeuo9M-Frg

Adverbs of feeling

Nervously
Frantically
Shyly
Reluctantly
Self-consciously
indifferently

Synonyms for embarrassed

awkward
self-conscious
uneasy
uncomfortable
unsettled
sheepish
red-faced

subordinate conjunctions

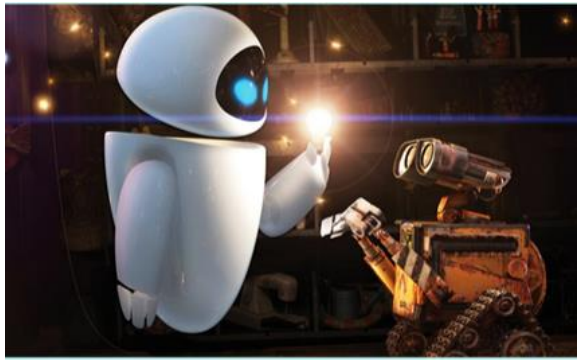
When
As
Since
until
If
Because
Although

Dear Diary
Today, I met Eve, a beautiful, white robot from space. In the scrapyard, which is where I spend most of my time, I saw her moving slowly towards me. She introduced herself, although I couldn't say her name

I can write a diary entry.

Include in your diary entry:

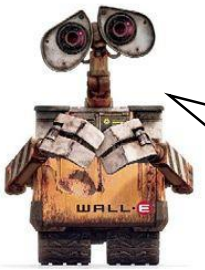
- Dear Diary
- Feelings
- Explanation
- 5 W's (what, who, where, when, why)
- Subordinate clause



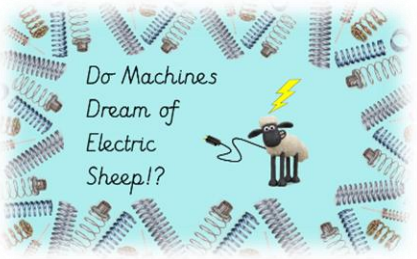
Don't forget to check your writing for

- Punctuation
- Spelling mistakes
- Precise adjectives
- Varied starters

Topic Activity



How do I find my way around your planet? How can I find my way?



How can we help Wall-E? **First, write a list** of ways Wall-E could find his way to places. What can you think of? What do you and your family use when you are travelling somewhere?

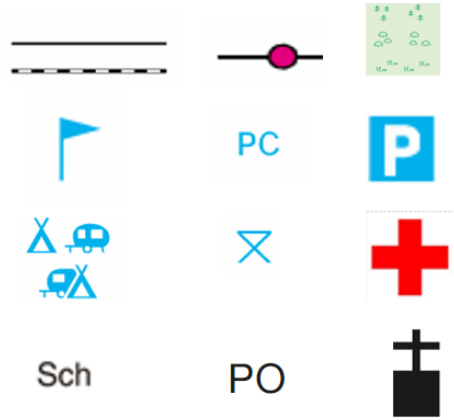
Word bank
map, 2-dimensional, symbol, key

We use maps to help navigate our way around. These come in all sorts of forms – on phones, SatNavs, atlases, Ordnance Survey, leaflets… All of them use symbols to show information.
This week we would like you to remind yourselves about maps and symbols.

Watch this video to find out more about maps
https://www.bbc.co.uk/bitesize/topics/zvsfr82/articles/zdk46v4

Watch these videos to find out more about symbols
https://www.ordnancesurvey.co.uk/mapzone/map-skills/map-symbols/page-one
https://www.bbc.co.uk/bitesize/topics/zvsfr82/articles/zjdkhbk

What do these mean?

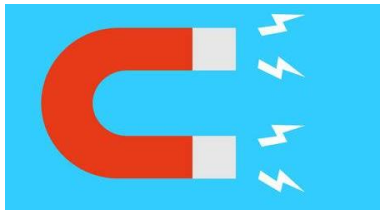


Draw a map for Wall-E. It could be a map to get from your house to your favourite place; from school to a nearby landmark or a favourite walk you and your family have. Make sure you draw the symbols and include a key.

Take a photo and email it in

Magnetic force

Science Activity

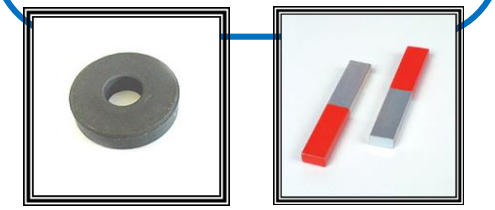


This week, we are going to learn about magnets. How they work? What force do they exert on the object? Which items are attracted to magnets and why? Is it just metal things? Are all metal things attracted? Why not?

This week science vocabulary:

forces, magnetic, repel, non-metal, magnets, attraction, metal,

Magnetism is an invisible force. It pulls metal objects which are magnetic towards a magnet. There are lots of different types of magnets.



All magnets have two poles – a South pole and a North pole. Poles that are different **attract** each other. This means the invisible magnetic force will pull the poles together.

Poles that are the same do not attract each other. These will **repel**. This means they will push each other apart and will not touch or attract each other at all.

Look at some objects. Can you guess which ones will be magnetic?

You will need

1. Lots of objects around the house. Choose the one you want to investigate but don't forget to ask mum and Dad first.
2. Magnets. (for example your fridge magnets)

-

objects	Guess yes / no	Attracted to magnet	material
Eg: jumper			

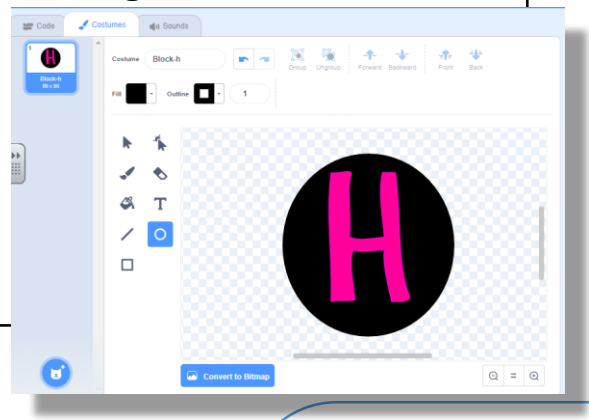
Can you spot a pattern?

What are magnets:
https://www.bbc.co.uk/bitesize/topics/zyttyrd/articles/zpvcrdm
https://www.dkfindout.com/uk/science/magnets/
Which metals are magnetic:
https://www.bbc.co.uk/bitesize/topics/zyttyrd/articles/zw889qt

Computing Activity

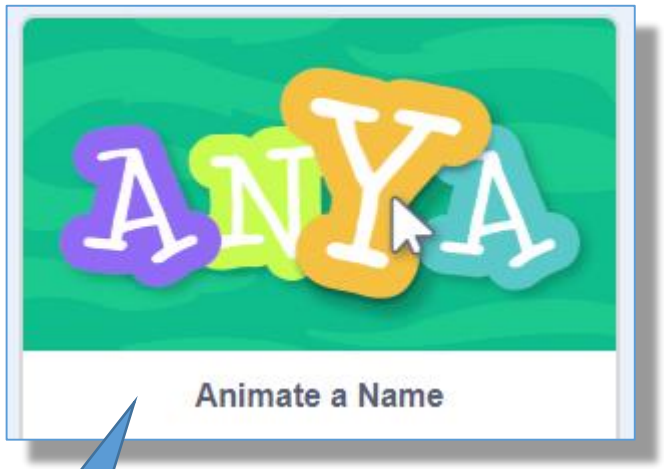
Did you manage to make you character move around last week? This week we are going to animate a name or word. You could choose one from your home language is you like.

Challenge:
Can you change the letter using 'Costumes'?

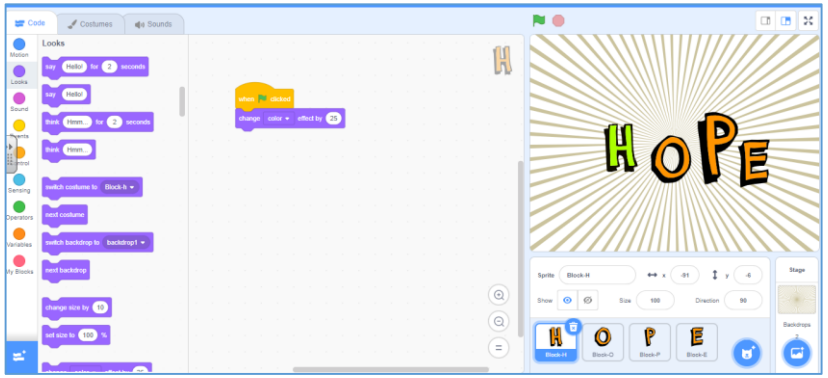


Can you make it cool and colourful?

Animate a word



Choose the tutorial – "Animate a Name"



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

Cricket – Striking the ball

- Last week you focussed on throwing and catching. This week you are looking at striking the ball.

Challenge 1

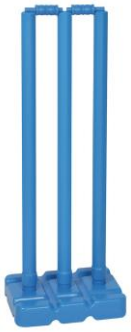
- Hit the ball off a batting tee or something similar.

Challenge 2

- You will need to work with a sibling or parent/carer who will bowl the ball to you.
- They will bowl the ball to you using an under-arm technique.

Technique

- Head still, watching the ball.
- Step towards the ball.
- Body side on.
- Feet shoulder width apart.



Challenge

- Strike the ball through targets.
- Strike the ball to your partner, trying to give them a catch.

Bunny Hop Challenge

- For this activity you will need a stool or something safe to hold onto. If you do not have either then just place your hands on the floor and jump side to side. **Make sure object is fixed to the floor and safe.**
- How many bunny hops can you complete in 60 seconds?

Challenge

Challenge your sibling or parent/carer to see who can complete the most in 60 seconds?

Remember

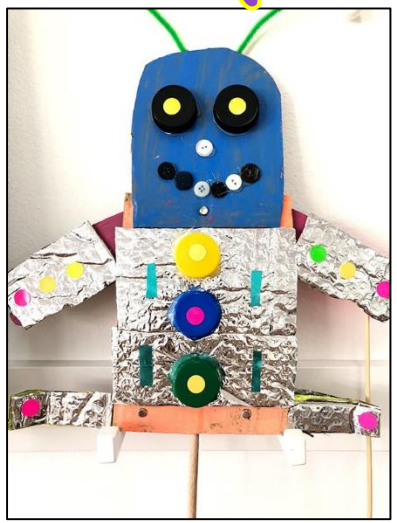
We have used bunny hops to help develop cartwheels in gymnastics.

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

Can you make a moving robot?

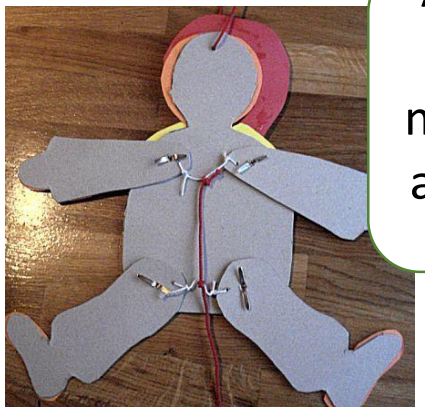
Creative Activity

Try this simple moving robot by designing and cutting out the body parts and then connecting them using split pins or sandwich bag twizzlers.



Add dowel to the arms to be able to move them.

What materials can you use? Can you use recycled objects like bottle lids, egg boxes, tin foil?



Add string on the back to make the arms and legs move together.

Look at this website for further instructions

https://artfulparent.com/make-cardboard-robot-puppets-that-move/

Take a photo and email it in

Music Activity

Music is an international language.
So many different countries have their own special music, instruments and dances. They help bring people together and unite them in a shared activity. Here are just a few to think about, including English country dancing.

Click on the picture
to see the dance

What instruments are being played?

Are the dances similar in any way?

Does your home culture have a traditional music or dance? Ask someone in your family.

English/ Scottish Dancing

Irish Dancing

Greek Dancing

Turkish Dancing

African Dancing

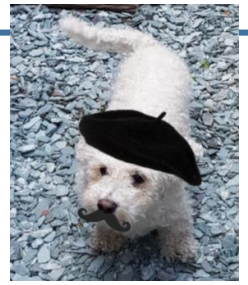
Year 3:

Bingo !!

French Activity

How far can you count in French? Can you say your age? Let's play bingo with French numbers !! You will need to play with at least 2 players and a caller. First draw a table like below with ten (dix) boxes. Choose 10 numbers from 0 (zéro) to 20 (vingt) . The caller can either say the numbers and click on the link. When the caller has said all the numbers on your board, shout BINGO ! You have won ! Tu as gagné !

For the caller: https://www.languageguide.org/french/numbers/



Eg 3	5	8	13	20
17	6	10	2	0

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

Sing and count in French https://www.youtube.com/watch?v=UsEz58BblMY

Listen and match the numbers: https://learningapps.org/watch?v=p5e5zdqpa18

Read and match the numbers https://wordwall.net/resource/517740/french/s1-french-numbers-1-20

Extra Home Learning KS2

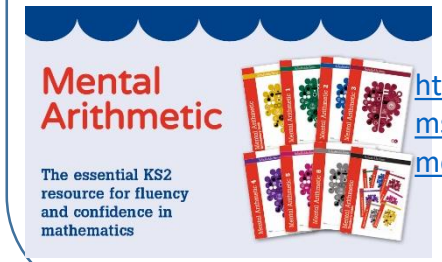
Here are some extra websites and resources you can access if you would like your child to be doing more at home.

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

Recommended Work Books

Collins

https://collins.co.uk/collections/primary-revision/cll2-mathematics



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

twinkl

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/

busy things .co.uk

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

LGfL

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

Nature Art

Art Activity

After the heavy rain last week, I noticed that lots of leaves, twigs and petals had fallen from trees. When out for a walk, have a go at using these to create art. You could take photos of your patterns and sculptures, or just leave them there for people to enjoy as they pass by! Or you could gather some bits together to take home and use in pictures – either by copying or using in the pictures themselves. Have a look at some examples:

Leave your creations for other passers-by to see and enjoy – put a smile on their faces!

You could take some leaves, twigs, etc, home to incorporate into pictures – why not make a card for someone you haven't seen in a while?

https://artfulparent.com/nature-art-for-kids/

*Remember not to pick anything living from trees and bushes in public places - If you have a garden, ask permission from an adult at home before picking anything!

Thinkers Project

Knowing	Understanding	Applying	Analysing	Creating	Evaluating
Design a menu for the Iron Man. What materials would he like to eat?	Imagine that you had a time machine. Describe your adventure forwards or backwards in time.	Write a list of questions that you would ask a time traveller who had gone forward or backwards in time.	Imagine the Iron Man is charging around Kingston. Design a "WANTED" poster for his capture. Include lots of detail.	Create a PowerPoint (or similar presentation) about magnets and magnetic materials.	**Write a report about recycling. How can we do more to; REDUCE REUSE RECYCLE**
Prepare a timeline to show the history of computers.	Design a battle ship style game using co-ordinates.	Use tessellation and/or 2D shapes to draw a robot. Can you make it symmetrical?	Which materials in your home are magnetic? Draw a table to record your results. What did you find out?	Research facts about magnets. Devise a quiz for your friends about magnets and magnetic materials.	**Keep a record of your family's recycling for the week. Draw a graph to show your findings. What did you find out?**
Make a list of all the electrical devices used in your house each week. Use a pictogram to show how often each device is used.	Take photographs of household objects that you could use to create an Iron Man. You might like to put them together to show your design.	Design and create a robotic hand. Demonstrate to the class how it works.	Draw a picture of an Iron Man. Annotate to show how he is made.	Design and create your own 3D Iron Man.	**Watch the trailer for the movie Wall-E. What kind of friend would Wall-E like? Describe his new friend. Give reasons for your choices.**
Research and watch a Stomp video. List some of the equipment they use to make music.	Can you make a Stomp style melody using household materials? Record your melody.	Create your own Sci-Fi title tune on an electric keyboard, computer or similar.	Listen to the title tune from E.T by John Williams. How does this music help create and build up suspense?	Make your own music instruments from recycled materials that you have at home. e.g. drums.	**If you were on a space voyage, what sounds and noises would you miss from Planet Earth and why?**
Co-operate with a friend and create a 1-minute presentation about a famous inventor.	**Interview a friend or family member about their favourite Sci-Fi character.**	**Make up a play about a time machine and perform it with your friends.**	**Research a local inventor such as Trevor Bayliss. Decide how to present your information to the class.**	**Create your own poem/rap about the Iron Man. Perform it for your friends or family.**	**Discuss with your parents/carers or grandparents/older relatives how they think technology has made their lives easier or more difficult. Record your findings.**