

# The Amazing City of Birmingham!

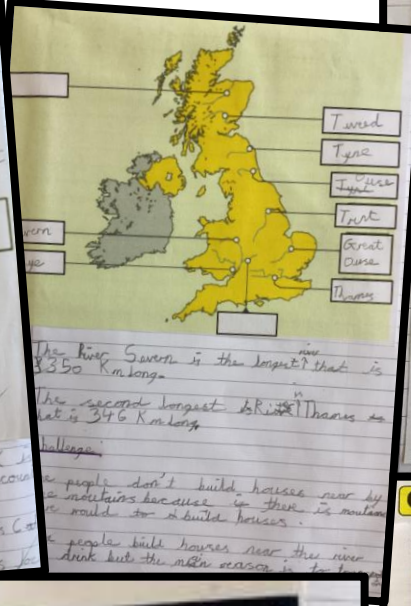
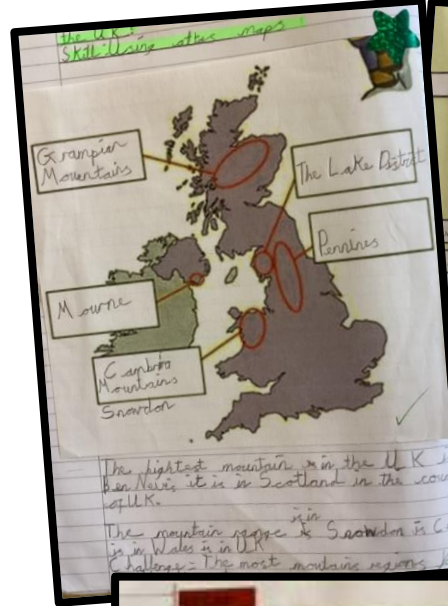
We hope you enjoy looking at all Year 3's fantastic learning during the Spring Term. From amazing assemblies to exciting science experiments and becoming map reading experts, we have packed a lot into this term!

Thank you for all your support.

Miss Bedford, Miss Powell and Mrs FC



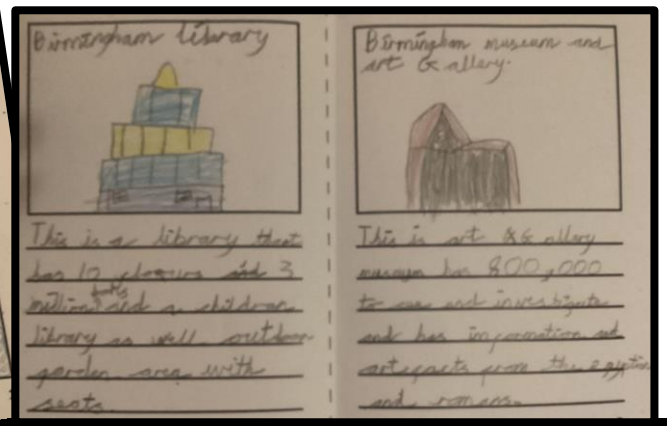
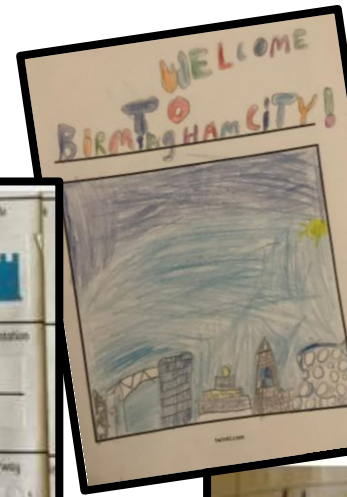
# Geography



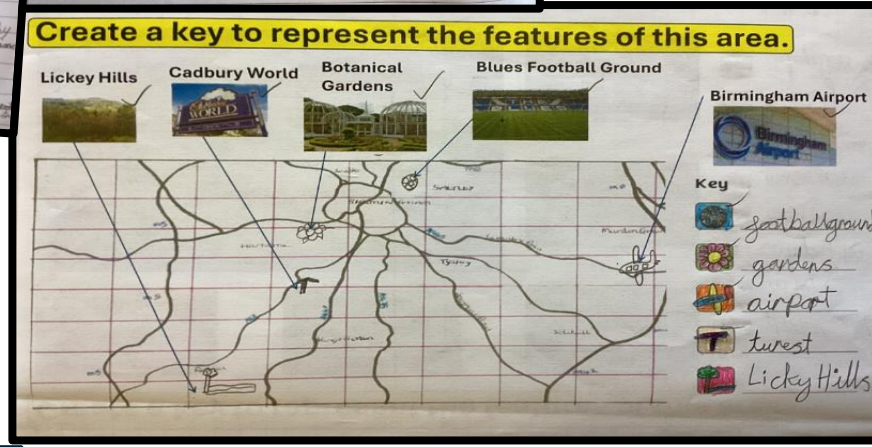
How can I locate places on a map?  
Skill: Using grid references.

Place	Grid Reference
Sainsburys	4333
Tesco Express	4934
Saint John Fisher Primary	44832
Honk Kong Inn	4933
Turves Green Boys school	4534
Turves green primary	4633
Thurlestone	4331
Turves green boys	4634

There are 3 schools.  
There are 2 shops.  
I think to get medicine is St. Solihull Hospital.  
I think to go to a party is Hollywood.  
Birmingham is 4834.



Statement	T	F
Cardiff is the capital city of Scotland.	✓	✗
Ben Nevis is the highest mountain in the UK	✓	✓
The United Kingdom is in the continent of Africa.	✓	✓
The Longest river in the UK is the River Thames.	✓	✓
Birmingham is in the second largest city in the UK.	✓	✓



Advantages	Disadvantages
<ul style="list-style-type: none"> <li>More Jobs</li> <li>More Money for local people</li> <li>Money to look after famous buildings</li> <li>Improved road and rail links</li> <li>Money for nature projects</li> </ul>	<ul style="list-style-type: none"> <li>Litter</li> <li>pollution from cars and planes</li> <li>Traffic congestion</li> <li>Footpaths destroyed</li> <li>Anti-social behaviour</li> <li>lots of noise</li> <li>city too busy</li> </ul>

Overall I think tourism is good for Birmingham. This is because if you have a lot of people come to Birmingham they will spend money on the city. However, we do need to think about the negative impacts. More jobs so people get money to have a house and buying food to survive.

We started by using atlases to locate the features of the UK and its major cities. We also developed our map reading skills using OS map symbols and 4 digit grid references.

Then we focused on Birmingham. We learnt about major landmarks and created mini guide books to show the main attractions of the city.

After that, we thought about the positive and negative impacts of tourism for the people of Birmingham.



**MG Motors Factory!**

...the way has land use in Longbridge.



Wednesday 26<sup>th</sup> March 2025

How is Land used in Longbridge?

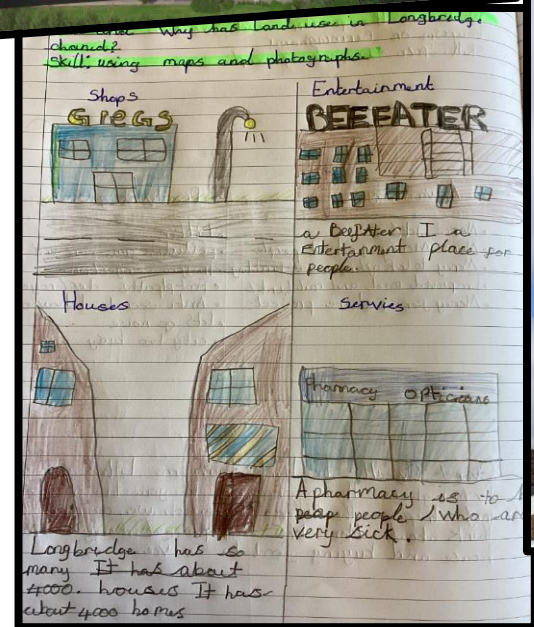
Skill: Fieldwork.

Land use Feature	Tally	Examples
Shop	1	porcelain and Homes and Spencers Sainsbury's
Food provider (Café, restaurant, coffee shop)	1	KFC pupper
Other Service (eg vet, chemist)		pharmacy hospital
Recreational (Park, gym)		gym <del>Burgym</del> puregym
Other		

shops was the highest  
Land use. Recreational  
was the lowest Land  
use. there were 4  
food providers. It has  
been used like this  
because all of them  
have been used and  
people want it to  
all there selves.  
Longbridge ~~and~~ needs  
to be improved becau  
It needs a children  
skate skateboard park  
cause The adult skate  
board park can hurt  
the children.



**We thought how  
we would  
improve the area.**



Q: what would you change about your local area?

I g I had the option to add a Sephora because there is only a Boots and its post sent scissors. I might also add a park because when we were there I so we had nothing to play with.

**We found out the Rover  
Factory used to cover a huge  
area of land in Longbridge and  
employed lots of local people.**

Finally, we visited Longbridge and completed fieldwork to find out how land use had changed since the factory closed.



# English and Reading



We planned and wrote amazing setting descriptions of the chocolate room from Charlie and the Chocolate Factory.

Thursday 27th February  
To publish a setting description

When we arrived at the factory we saw a long, narrow corridor with dark, glossy walls. On the floor was a red, plushy carpet. A part of us was a little, black door and in the bottom was a nice window door. Mrs Willy Wonka appeared and opened the nice door and said, "Are you ready to see amazing chocolate garden?" then everybody said "YES!" He pushed the door back and it cracked and slowly and

As we stepped through the nice door and we gaped in excitement. In front of us was a beautiful garden covered in white and chocolate. A long, very nice river was bubbling gently through the valley. At the back of the bridge was a enormous, two-story sweet waterfalls that went into the river. There was a road, winding through the forest, as we walked through the forest, passing the river, was a huge mushroom with colorful dots. Above the river was a bridge with all of rainbow colours flowers. There was a candy cane, straw-berry, lemon, cherry, and flowers made of smarties. All around me was the delicious smell of rich chocolate and I tasted like sweet juicy flowers in the air.

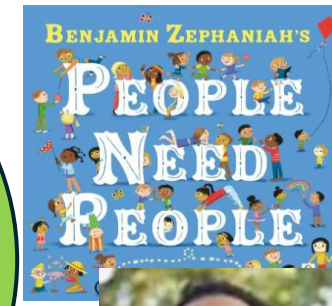
I looked around in awe, gazing at the chocolate garden. It was amazing! All around me was beautiful, sweet chocolate and small, rich, creamy chocolate. I couldn't wait to see the whole factory.

Thursday 27th February  
To publish a setting description

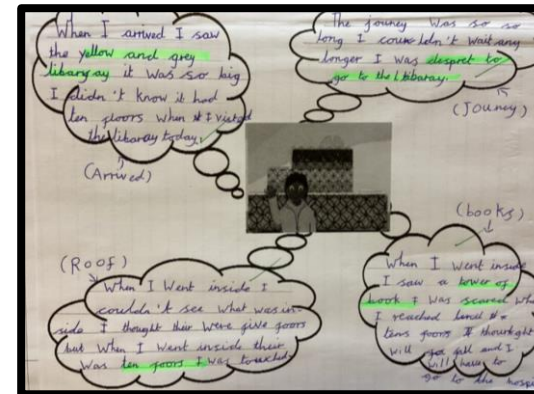
We walked down the narrow, red hallway. On the floor was a long, scarlet carpet that had gold lines on the side. In front of us was a massive, enormous door to open the nice door and said "Are you excited to see the chocolate room?" He pulled the massive, enormous door open with some pressure. I walked in front of me was an exotic garden of the small, sweet valley. At the back of the river was a huge, sweet chocolate waterfalls. The scrumptious, scrumptious, minty grass made my mouth watering water as I walked. Next to the bridge was some delicious, sweet, sandy, sandy canes that had curly ends. The other side that had more green grass. Somewhere in the valley was an even was an old, old, old. I looked around the amazing chocolate room in astonishment. It was a dream! Everywhere was covered covered with the scrumptious, sweet smell of chocolate. I couldn't wait another second of waiting to see the rest of the valley.

We used powerful adjectives to create expanded noun phrases. We even included similes to help the reader create a picture in their head.

In reading we read a variety of texts linked to Birmingham and learnt about the Poet Benjamin Zephaniah.



We considered character feelings and the effect the author's choice of words has on the reader

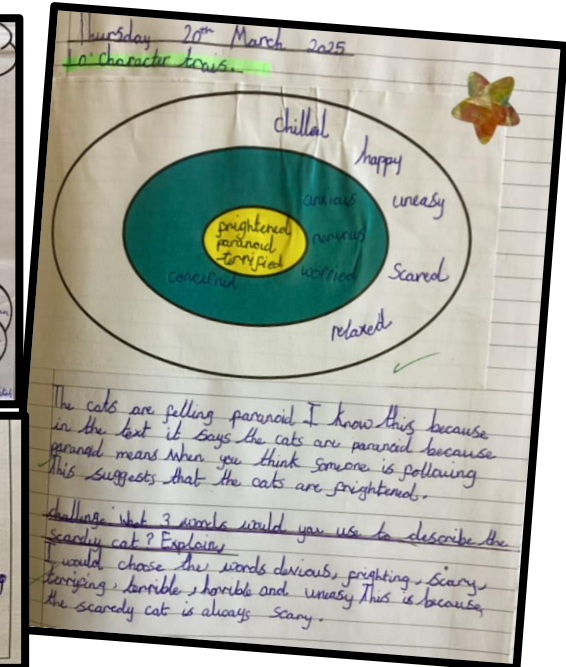


What does the word skittish tell you about cats?

Skittish means constant quick movements because you are scared so the cat is always on the look out.

What does the word paranoid tell you about cats?

It is showing cats are afraid that something is watching or something is going to hurt them.





**In maths, we have been learning about length, weight and volume.**

**We have also learnt about money.**

24/02/2025 Scaling up length problems

**Multiply to scale up**

A bush is 85cm tall.  
A tree is 4 times higher.  
What is the height of the tree?  
Give your answers in **cm** and **m** and **cm**.

85 cm  
4 x  
340 cm  
2 ✓

340 cm			
85 cm	85 cm	85 cm	85 cm

The tree height is 340 cm ✓

85  
80 5

Challenge: write a similar word problem of your own

The house is 46 cm tall. The amusement park is 4 times higher. What is the height of the amusement park? ✓

46 cm  
4 x  
184  
2

**Divide to scale down**

A chain of 4 large paper clips is 84mm long.  
How long is one paperclip?  
Give your answers in **mm** and **cm and mm**.

TO  
84 -  
4  
21 mm

Top tip  
don't forget  
the units **cm** **mm**

21 = 2 cm 1 mm ✓  
42mm challenge

84 ÷ 4 = 21

84 divided by 4 equals 21.

18/03/25

Totalling amounts as money

How much money is there altogether?

Explain how you worked it out.  
What known facts did you use to help?

£12.02 = £10 + £5 + 50p + 20p + 20p + 10p + 2p = £12.02


First I added £10 and £1 then gave me £11 + 50p + 20p + 20p + 10p + 2p = £12.02.

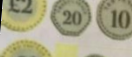
Challenge


£10 + 50p + 50p + 50p + 50p + 50p + 50p + 50p + 50p + 50p = £10.50

Miss B has this amount of money. She buys a football. How much money does she have left?

**Explain how you know.**





 £4 and 20p

$$\begin{aligned} &£5 + £2 + £2 + 20p + 20p + 20p + 20p + 10p + 10p \\ &£9.60p \quad £9.60p - £4.60p \\ &\quad \quad \quad \underline{£4.20p} \quad £9.60p - £4.20p = £5.40p \\ &\quad \quad \quad \underline{£5.40p} \end{aligned}$$

£9.60p	
£5.40p	£4.20p

challenge

Miss B has £6.70p. She buys a bottle of water. The bottle costs £5.20p. How much money does she have left?

✓

1.63/100 Solving Capacity word problems

Create a bar model, then identify the Calculation.

The volume of the orange juice is 680ml  
This 235ml more than the apple juice.  
What is the capacity of the apple juice?

challenge 1: how much less than a litre is the orange

4

680 200 300 1000

680 700 1000

680ml 235ml

445ml

The capacity of the apple juice is 445ml

680ml  
235ml  
445ml

The volume of the Strawberry juice is 536ml. This 435 more than the blueberry juice.  
What is the capacity of the blueberry juice?

problem solving with multiplication

Powell has 46g of butter. Miss Ford has 3 times more. How much they have altogether?

138 + 46 = 184

TO  
46  
x 3  
---  
138

138 + 46 = 184

TO  
138  
+ 46  
---  
184

Miss Ford has 138g of butter. Miss Powell has 46g. How much butter do they have altogether?

138 + 46 = 184

TO  
138  
+ 46  
---  
184

Challenge

I have 46g of cheese. My friend has 3 times more. How much cheese do we have altogether?


9/23/2025


subtrahend minuend


Money

1. How much more does the bag cost than the cap?

2. How much less does the cap cost than the scarf?

 £9.45

 £6.20

 £11.25

£11.35 -  
£6.20  
£5.15 ✓

£9.45 -  
£6.20  
£3.25 ✓

First I did  $5p - 0p = 5p$  then I  $30p = 20p = 10p$   
then I did  $£11 - £6 = £5$  then any answer  
was £5.15. First I did  $5p - 0p = 5p$  then I  
did  $40p + 20p = 60p$  then I did  $£9 - £6 = £3$   
answer was £3.25.

★

The Trainers costs 90p less than the jacket.

The Tshirt costs 65p less than the jacket.

What is the cost of each item?

Jacket 1.40  
Trainers 1.30  
T-shirt 1.25

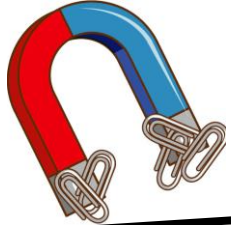
Trainers cost £1.30  
T-shirt cost 1.25

Challenge  
Jacket £1.40  
Trainers £1.30  
T-shirt £1.25

Challenge  
Jacket £1.40  
Trainers £1.30  
T-shirt £1.25

**When we solved problems, we had to make sure all the measurements were the same units.**





# Science

In Science, we learnt about Forces and investigated magnets.

Tuesday 19<sup>th</sup> January 2025  
How do surfaces affect how an object moves?  
Skill: planning a comparative test.

We will change the type of surface.  
Things we will keep the same are:  
Marble, height of books and cardboard tube.

These are the different materials Izzy chose to use.

Carpet	Plastic	Felt	wood floor	sand-paper	Bubble wrap
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The marble will travel the furthest on the wood floor.  
This is because it is flat and it will go straight.  
The marble will travel the least distant on the sand paper.  
This is because it has a lot of sand.

Tuesday 4<sup>th</sup> February 2025  
What materials are magnetic?  
Skill: identify, group and classify.

object	material	magnetic or non-magnetic
Paperclip	metal	magnetic
nailed	metal	magnetic
magnet	metal	mag
coin	metal	magnetic
toys	Wood	non-magnetic
bin	metal	magnetic
Rubber	Sugar	non-magnetic
boble	Plastic	non-magnetic
sticker	Sugar	non-magnetic
ruler	Plastic	non-magnetic

I found out metal or some are magnetic but some are non-magnetic.  
I noticed that magnetic and a magnetic stick!  
I found out the magnetic is metal.

Tuesday 28<sup>th</sup> January 2025  
Are magnetic forces contact forces?  
Skill: Making observations

The paper clip stay up when we put the magnet where it was near but when we move the magnet far it fall down.  
This shows a magnet force is a not touch force.

We also investigated whether the shape and size of a magnet affected its strength.

Tuesday 11 February 2025  
Are all magnets the same?  
Skill: use scientific evidence to answer questions.

The bigger horseshoe picked up more than the little horseshoe because the bigger horseshoe had a big space.  
Other magnets are not the same because they are different shapes.

The nail was attracted to the horseshoe because metal the nail was iron but still all metal is not magnetic.

Tuesday 21<sup>st</sup> February 2025  
How do surfaces affect how an object moves?  
Skill: draw conclusions.

Surface	Distance marble rolled (cm)
Rubber	253cm
wood	306cm
carpet	135cm
Plastic	423cm

The marble travelled furthest on the plastic.  
The marble travelled the least on the carpet.  
This shows that if there is a smooth surface there will be less friction and if you are in a rough surface there will be more friction.

Tuesday 25<sup>th</sup> February  
What happens when two magnets are put together?  
Skill: Use scientific evidence to answer questions.

The South and South don't attract together because it is a repel force so it will repel and it will also do the same with a North and North magnet.  
However the opposite will attract because it is like you have a North magnet will attract to a South magnet. It is like having to see the same people over and over and they look the same as you had you want see new people and new friends so you say hi to either people so that was an explanation as a North and South magnet attract to each other.

Challenge  
Name these different types of magnets. Predict what will happen when they are placed close to each other as shown in these diagrams.

The magnets in 1 are repelling because like poles.  
I think the magnets in 2 will attract because opposite poles.  
The magnets in 3 are the same. I think the magnets in 3 will repel.

We found out magnets have poles. Like poles repel and opposite poles attract. We also discovered that magnets are attracted to the metals Iron, cobalt, nickel and steel.



# Wider Curriculum

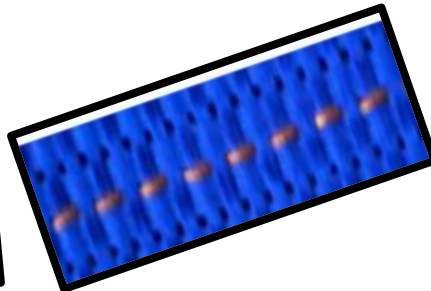
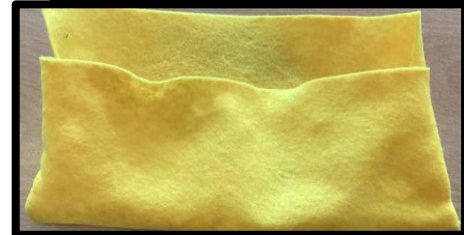
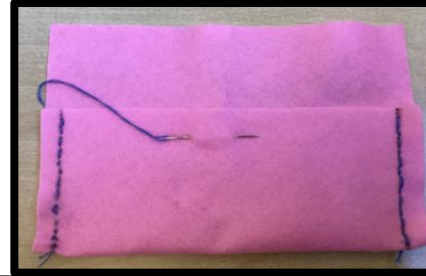
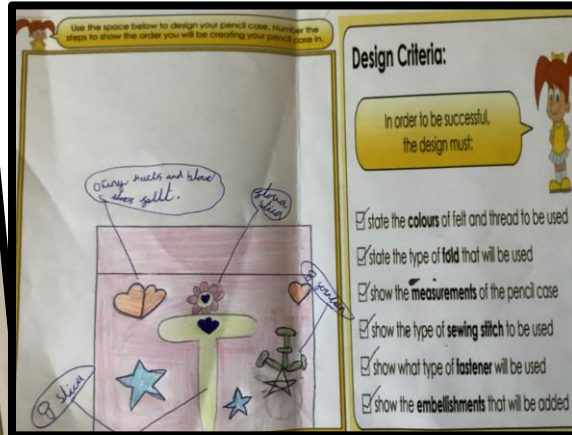
We studied Brumhaus artwork and then created our own collage pictures in their style.



In DT, we evaluated different pencil case designs, identified the materials used and methods of fastening.



We put tall buildings in the background and then added shorter ones in the foreground.



We rehearsed running stitch and then used it to sew our own pencil cases. We then added decorations and a fastening.

