The World We Live In

Week Commencing 06/07/2020

Topic

You will find additional information and pictures to support your topic learning further down this page. Scroll down to see more.

Don't forget about our home learning gallery on the Academy website and our Twitter page where your work can be displayed.

We can't wait to see the amazing work you will produce.

We will also be giving class champion points so don't forget to share your work with us!

PSHE

Have a discussion with a family member what you might be looking forward to during your next year at school.

'One thing I am looking forward to about the next year in school is...'

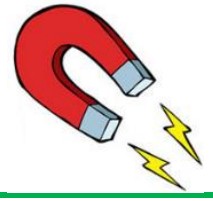
Science

Watch the following video on magnetic poles. Record two pieces of information:

https://www.bbc.co.uk/bitesize/topics/zyttyrd/articles/zpvcrdm

Today you will begin to plan and design an activity for the science fair from lesson 1.

(See page 2 for ideas)



Music

Listen again to 'Hedwig's Theme' from the Harry Potter film by composer John Williams. Use the musical terms below to describe the beginning, middle and end of the music.

https://www.youtube.com/watch?v=wtHra9tFISY

Dynamics	The loudness or softness at which musicians play a section or piece of music. Does this change at all throughout the music?
Tempo	The speed at which a piece or section of music is played. Is it fast or slow? Does it change throughout?
Instruments	What instruments can you hear being played?
Forte	This is a term to describe a piece of music as loud.
Piano	This is a term to describe a piece of music as quiet/soft.

Geography

Compare your chosen European capital city with Sheffield. Are there any similarities or differences?

(See page 3 for information on Sheffield)

Art Project

Over the next two weeks you will complete an art project. This is all about **you** and all the things that you value and enjoy in life. This could include; family, laughter, friends, trust, respect, sunshine, the seaside.

You could use a range of resources – collage, paints, colouring pencils, crayon or chalk – get creative!

(See ideas on page 4)

Science

Ring Magnet Challenge

Can you make all the ring magnets sit down together at the bottom of the pole like this?

Can you make all the rings float above one another like this?

What other arrangements of rings can you make?

How does it work?

Compass Magnet Challenge

Float the magnet in a tub of water. Where is the red end pointing?

Spin the magnet around a few times and wait for it to settle. Where is the red end pointing now?

Hold a bar magnet above it and move it around. What happens?

Try putting the bar magnet on the table and moving it around the outside.

What is happening? Why might this be?

Magnetic wand challenge

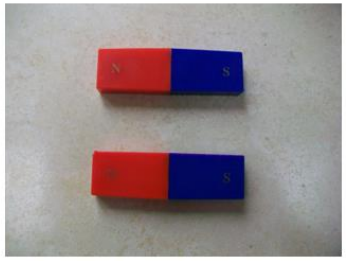
Experiment with 2 magnetic wands.

What happens when you lay them side by side, edge to edge or end to end?

Try it again after flipping them over. What do you notice?

Try to describe what you have discovered

Two bar Magnet Challenge



Experiment with 2 bar magnets.

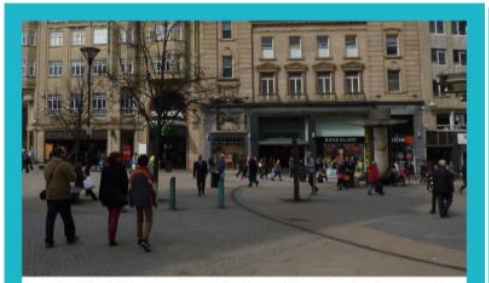
What happens when you push a blue section towards a red section?

What happens when you push a red section towards a red section or a blue towards a blue?

Try this end to end, side to side, and broadsides together. Try to describe what you have discovered.

Geography

Sheffield is a city in South Yorkshire.



Sheffield has a population of around 560,000.

Sheffield F.C. is the world's oldest football club.

Sheffield is situated among seven hills.

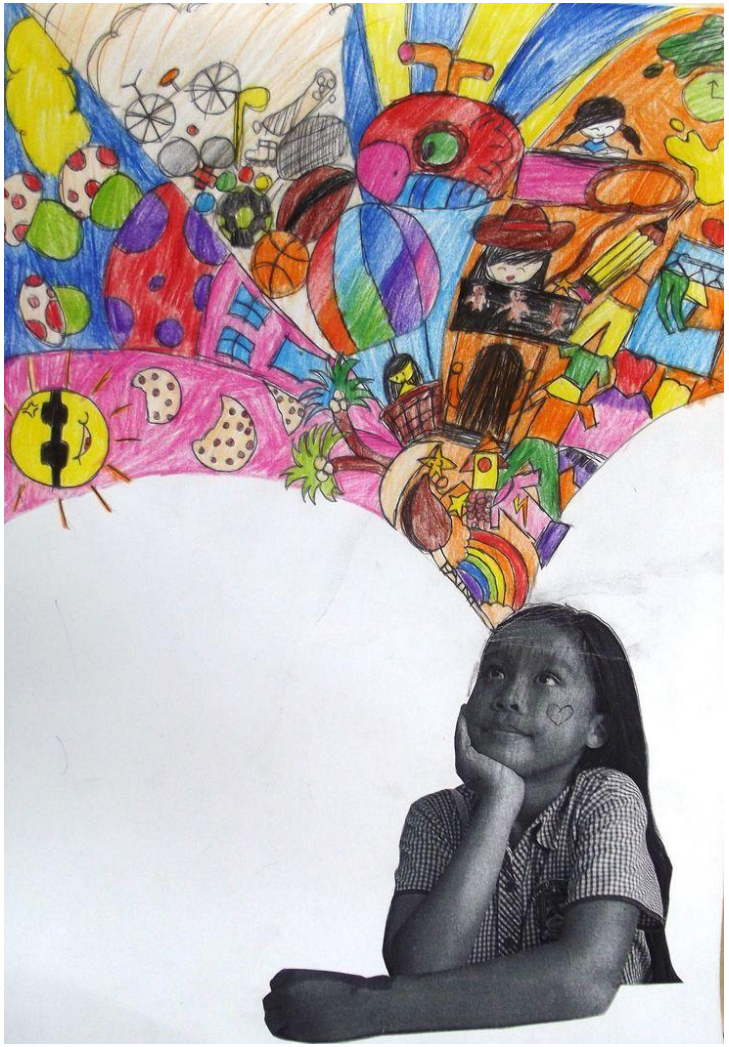
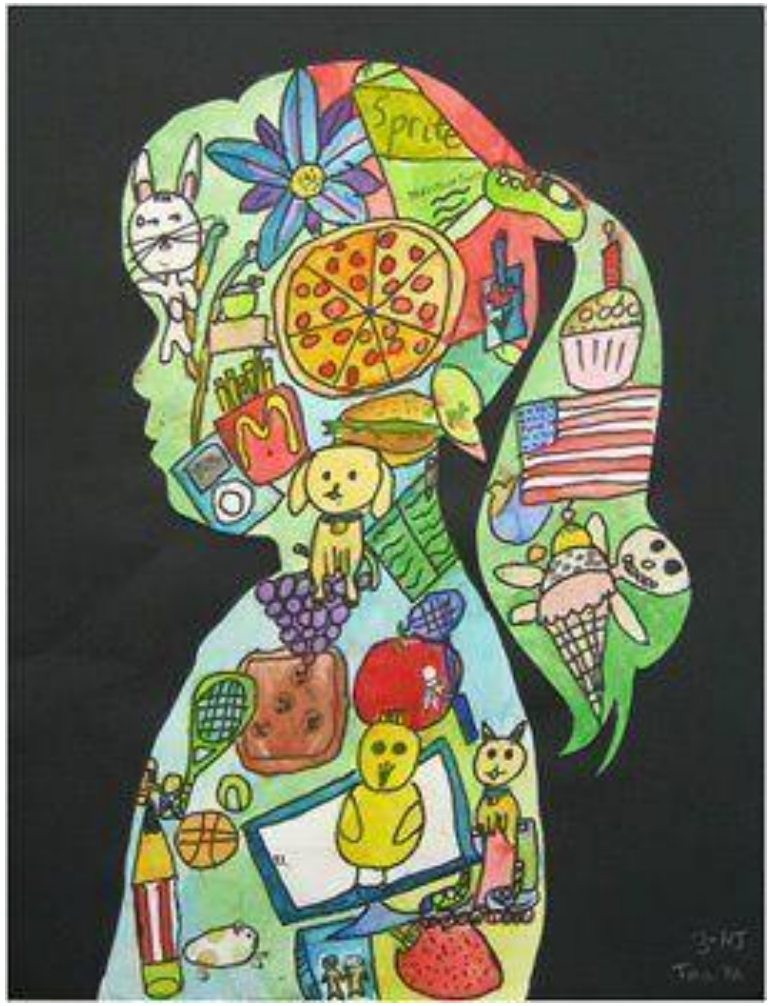
Sheffield is famous for its steel industry.

Sheffield has two universities.

Sheffield is close to the Peak District National Park.

Sheffield has over two million trees, which is more than any city in Europe per person.

61% of Sheffield is green space, such as parks and forests.

Sheffield is located where the Rivers Don and Sheaf meet.

Art Project