



Year 5 Topic Menu 22nd February onwards

Don't forget - You can use your afternoon learning time to complete Science Fair Project instead.

Why not choose an area of Science you are interested in and make your presentation?

Entries must be sent to your Class Email address in the week beginning 15th March 2021. Good Luck!

This term, we switch our Geography focus to learning about Russia and in Science we are exploring forces, including gravity, air resistance, water resistance and friction.

<p><u>Geography</u> Complete the sheet 'Russia Snapshot' below by carrying out research to find out key facts about Russia. Further learning: Did you know that Russia has 13,000 abandoned and empty villages? Explore why these places have been abandoned, find some photographs and write about what you have discovered.</p>	<p><u>Science</u> Find the answers to the following questions:</p> <ol style="list-style-type: none"> 1. What is gravity? Explain the effect of gravity on unsupported objects. 2. Who was Isaac Newton? Explain his role in the developing the theory of gravity. <p>Further learning: Present your findings as a poster. Use diagrams and pictures to support your explanations.</p>	<p><u>Art</u> Wassily Kandinsky (1866 - 1944) Kandinsky was a Russian painter. Many people think he was the first abstract artist. Abstract art is a combination of colors, lines, and shapes that are not meant to be realistic. Look at his piece 'Squares with Concentric Circles (1913)' and answer the questions. Further learning: Find other pieces of artwork by Kandinsky and create a mini scrapbook (digital or paper based) Write down your thoughts and feelings about his work.</p>	<p><u>French</u> Fruits Match the fruits to the equivalent word in French: Une pomme Une fraise Une pêche Une banane Une cerise Une orange A banana A strawberry A peach A cherry An apple An orange Complete the sheet below</p>
---	--	---	--

Geography

Use a map of Russia to locate some of the key cities, rivers, lakes and mountains and mark them on the map below.

Further learning: Choose one of the places you have located and find out more about it. Design a poster with key information and persuade tourists to visit!

Science

Make a paper helicopter and investigate the effects of air resistance and gravity. A helicopter hovers in the air as its propellers rotate. Use the template below and follow the instructions to create a helicopter that spins slowly to the ground. Time how long it takes to fall. Can you design another helicopter that falls more slowly? Draw and write about your new design and how you made it fall slower. How did you apply gravity and air resistance to your thinking?

Further learning: Create some other helicopter designs, time them falling and present your results in a table.

Art

Kandinsky believed that his style meant he could paint honestly about his feelings. Often Kandinsky would listen to music while he painted and try to paint what he heard.



Listen to some music e.g.
<https://www.youtube.com/watch?v=b-b62qPocU4>

...and create a piece of art work that imitates Kandinsky's 'Squares with concentric circles'. You can use the sheet below to structure your work if you like.

PSHE

Kindness Challenge

Choose 5 or more acts of kindness you could do for the people you live with. Write them as a list and tick



them off as you do them. Think about how it made you feel when you did something kind for someone else. Ask how it made them feel.

Geography

Find the answers the following questions:

1. What is a Biome?
2. List the five main types of Biome.
3. Choose one biome that can be found in



Russia and write about it. Describe the weather, temperature, land features, vegetation and animals that live there.

Further task: Select a different biome and create a table to make comparisons between the two biomes you have researched.

P.E

Try the 'Kitchen Curling' P.E activity below with someone in your household. Here is a video of the game being played:

<https://www.youtube.com/watch?v=7051Y5duZJA>

Try the 'Obstacle Course' P.E activity described below. Here is a video of the game being played:

<https://www.youtube.com/watch?v=QiYpwcEM6r4>

Russia Snapshot

Find and mark Russia on the map:



Traditional
Russian food:

Popular sports:

Draw the Russian flag:



Five fabulous facts!

Leader:

Capital:

Population:

Currency:

Climate:

Draw a Russian landmark:

Some Russian vocabulary:

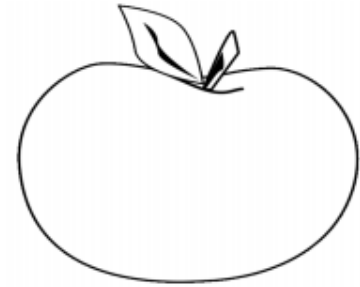
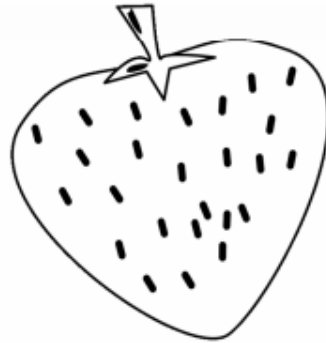
Famous Russian person:

Map of Russia

Find and label these features on this map of Russia:

Moscow
St. Petersburg
Lena River
Volga River
Lake Baikal
Lake Ladoga
Mt. Elbrus
Arctic Ocean
Arctic Circle





u_e f_a_se

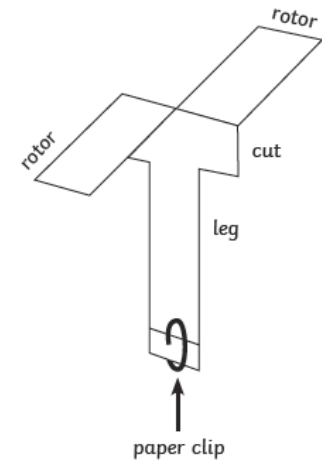
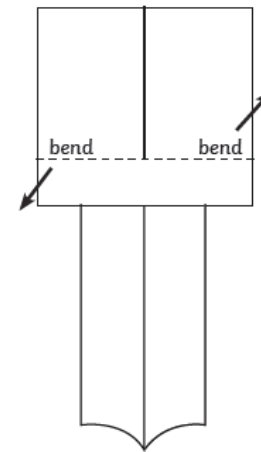
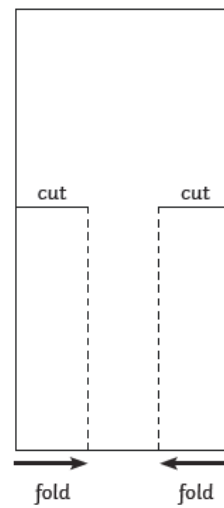
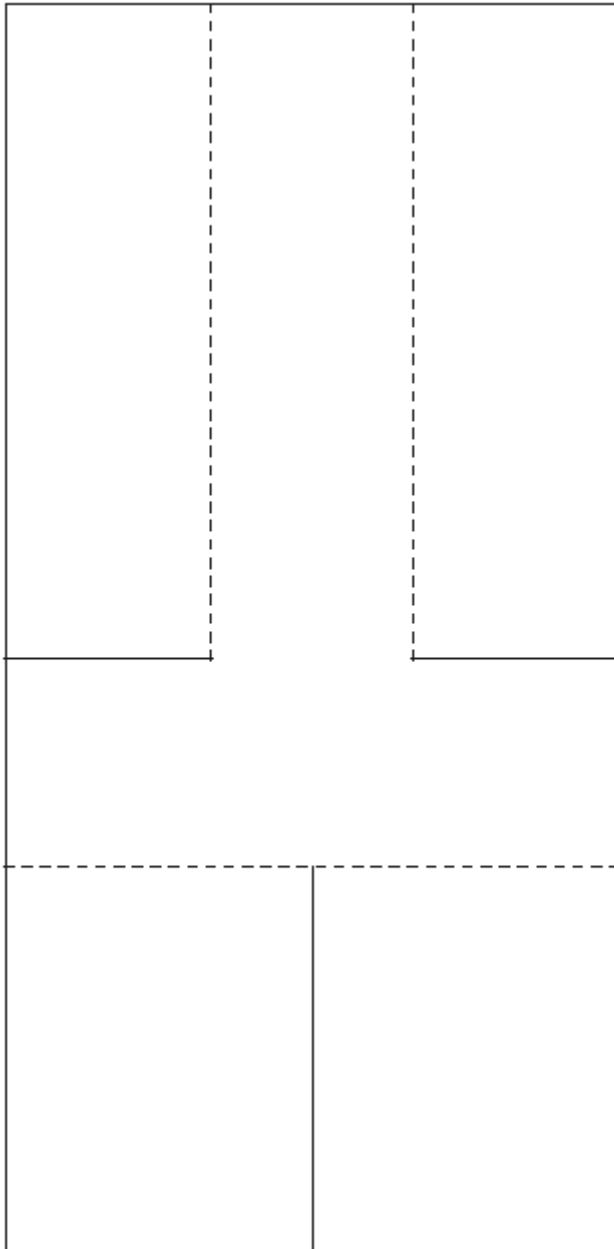
une p_mm_

_ne ban_n_

un_ ce_ise

une pêc_e

Paper Aeroplane Investigation



Kandinsky

Squares with Concentric Circles (1913)



What do you see when you look at this painting?

How has the painting been made?

What kind of colors does Kandinsky use?

How would you describe these colors?

What shapes can you see?

What lines can you see?

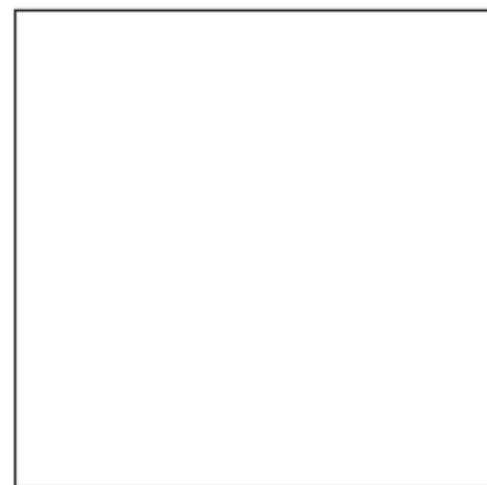
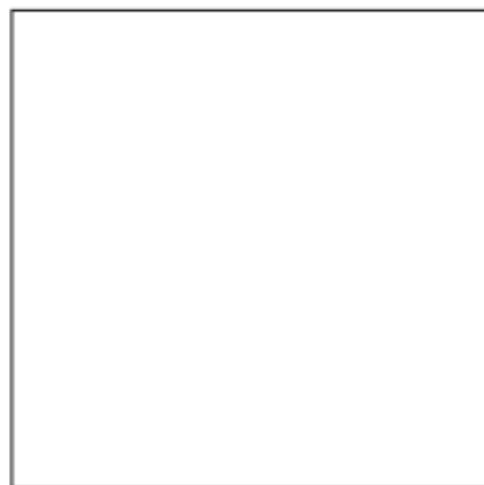
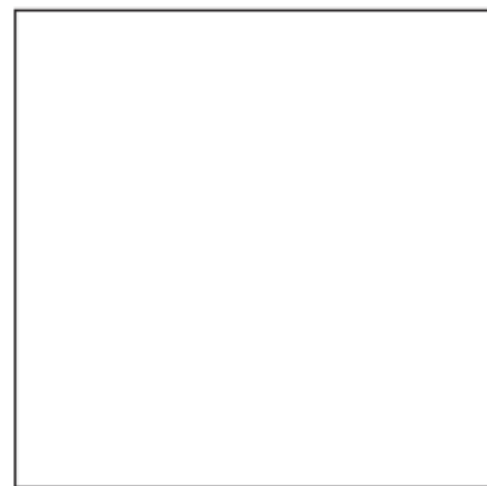
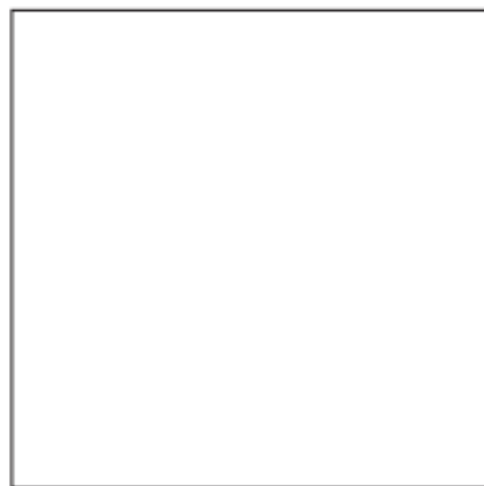
How do you think Kandinsky was feeling when he painted this?

How does the painting make you feel?

Do you like it? Why?

Wassily Kandinsky: Painting Circles

Wassily Kandinsky was a Russian artist who was famous for painting his Kandinsky circles. Kandinsky liked to paint circles, one inside the other, into squares and then colour them. Can you imitate Kandinsky's paintings by drawing your circles inside the squares and colouring them? Remember that the circles need to be one inside the other.





Kitchen Curling PE Home Learning

Time to Learn:

- Clear a space on a smooth surface i.e. a table or hallway floor and place a target at one end of the space.
- Using a pair of rolled up socks, slide them across the floor, trying to get them as close to the target as possible.
- Play against an opponent. Each player has three pairs of socks. The pair of socks closest to the target scores a point.
- The player with the most points after three rounds is the winner.



Can you play fairly and keep the score?



Place the target marker closer to you. Only move it further away when you feel confident.



Place obstacles in the way of the target!



Have a competition!
Create a league table and play against different family members.



Obstacle Course PE Home Learning

Time to Learn:

- Using objects such as tins, pillows and teddy bears, can you create your own obstacle course?
- Place the tins in a line so you have to swerve through them. Layout teddy bears so that you have to jump over them or use pillows as stepping stones.
- How long does it take you to complete the course? Can you complete the course faster than someone else?



Can you keep trying to challenge yourself, getting quicker as you complete the course?



Challenge yourself!
Start with a shorter course and extend it as you get faster!



Time yourself against someone!
Have five goes each. Who will be the quickest?



Race against other family members!
Who is the quickest in your family?