

THOMAS RUSSELL INFANTS' SCHOOL

YEAR 2 SUMMER TERM 2022

TOPIC WEB

Computing - This term we will be learning about computer programming by creating algorithms to move or rotate things on the screen. We will be using the Turtle Logo program and Scratch Jr to test different algorithms and debug when things don't work as we expect them to. We will then be creating computer art using a range of different on screen tools to make and edit shapes which create a piece of computer art work.

Music - This term we will be having recorder lessons with Mrs Garbett from the Staffordshire Music Hub. As well as learning how to hold and make a note on a recorder, we will also be playing a short piece of music. Parents will be invited in to the final recorder performance to see what we have learnt.

RE - We will be exploring a range of stories and extracts from sacred writings and talk about the meaning they have for believers. We will find out how Muslims believe the Qur'an is the word of Allah. We will be finding out about people who are considered to be good and to link this to attitudes and behaviour. the difference between a miracle and a magic trick.

British values - We will be learning about the grey areas when it comes to crime and justice and understand how the UK law protects everyone. We will also explore what a police officer is, what they do and why they are important.

Art - We will be learning about Wassily Kandinsky and his most famous paintings during the first half term. Looking at his work we will investigate concentric circles before replicating Kandinsky's work in clay.

DT - In DT we will be investigating and analysing a range of different puddings. The children will then design their own product which they will create before tasting and evaluating whether it is fit for purpose.

PSHE - We will start the half term by understanding and respecting that boys and girls can be different. We will also describe differences and similarities between boys and girls as well as debating assumptions and stereotypes. We will then look at different cultures and the range of cultures we have in Britain.

In the second half term we will be practicing our debating skills by describing and discussing some of the positive and negative features of the local environment. We will then be sharing ideas for how we could all contribute to make it better.

PE - This term we will be focusing on netball, orienteering and tag rugby.

Through netball we will be exploring different ways to use, move and send the ball. We will be developing skills such as sending an object to a target, catching, gathering and rolling a ball. We will also be using simple tactics to make it difficult for our opponents.

Through our orienteering topic we will be introduced to map reading using some basic features on a map to select and plan a route. We will begin to understand the competitive side of orienteering and take part in a picture orienteering event following rules and playing fairly. We will also use the direction points on a compass.

In tag rugby we will develop control and accuracy when throwing and catching a rugby ball. We will improve our movement skills whilst moving with the ball in two hands and learn how to tag players in game situations. We will begin to understand and develop the correct technique of passing the ball and understand who the attackers and who the defenders are.

Geography— Our focus this half term will be on understand the geographical similarities and differences of Barton under Needwood, Nairobi, Kenya. We will look at the physical and human features of each place, as well as the similar and different houses and homes. We will find out about the climate and landscape of both areas, as well as looking at a day in the life of a child in Nairobi.

History— Our topic will focus on Castles! We will be looking at who built the first castles in England and why they were built. We will find out who William the Conqueror was and where he chose to build castles as well as why he chose these locations. We will look into the people who lived in a castle and what their different roles and responsibilities were, before finding out how people were treated in medieval times.

Science - This term in Science the focus is on growing! We will be observing and describing how different seeds and bulbs grow into mature plants. We will be working scientifically to - ask simple questions and recognising that they can be answered in different ways; observing closely, using simple equipment; performing simple tests; identifying and classifying; using our observations and ideas to suggest answers to questions and gathering and recording data to help in answering questions. We will be planting a selection of different and more unusual plants such as avocados and mushrooms. We will be finding out how potatoes grow and which plants are happy to grow in water without any soil for nutrition. Our investigations will include looking at carnivorous plants and cacti. We will also be planting a selection of herbs that can be used in cooking.

First hand experiences

The Queen's Platinum Jubilee will be taking place

We will have our transition activities to move to the Junior School. This usually includes visiting for a day and then also going for a swim.

2M PE days will be Tuesday and Thursday
2W PE days will be Wednesday and Friday.
Please come to school in your PE kit.

Phonics - Our focus will continue to be on learning spelling rules and patterns as well as learning how to make spelling choices, looking out for words which break the rule. We will teach the children about strategies that they can use to help them to learn and remember words. You might find it useful to play spelling games such as - <https://www.ictgames.com/littleBirdSpelling/> or <https://ictgames.com/mobilePage/spookySpellings/index.html>.

This website <http://www.highfrequencywords.org/> contains links to the list of first 100 High Frequency words and next 200 High Frequency words that children need to learn to spell.

English - This term we will consolidate all of our learning in English so far by writing longer and more extended pieces of writing. The children will continue to write in response to different texts with a particular focus on audience and purpose. We will continue to encourage the children to improve their handwriting in particular ensuring that upper and lower case letters are not mixed within words and that the sizing of letters is consistent throughout. This term we also focus heavily on teaching proof reading and editing skills.

Even though most children are confident and independent readers by this point in Year 2, please can we encourage you to still listen to your child read out loud to you on a regular basis. It is also important for them to continue to read a wide range of different things on a regular basis. This website <https://www.lovereading4kids.co.uk/> gives some lovely recommendations if you are looking for inspiration. Don't forget that you can always borrow additional reading material from the local library to keep you well stocked.

Maths - We will continue to cover a range of different areas in Year 2. We will look at the properties of both 2D and 3D shapes and compare and sort these shapes and everyday objects. We will be learning to recognise, find, name and write fractions $\frac{1}{4}$, $\frac{2}{4}$, $\frac{3}{4}$ and $\frac{1}{3}$ of a length, shape, set of objects and a quantity. We will also be interpreting and constructing simple pictograms, tally charts, block diagrams and simple tables. We will be learning to choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature ($^{\circ}$ C); capacity (litres/ml). We will also be telling the time to five minutes, including quarter past/to the hour. It is important that the children continue to build their fluency with number facts and we would encourage you to regularly help your child become more familiar with addition, subtraction, multiplication and division number facts as shown in the KIRFs.