

Computing - We will be learning about how to keep our information private including the use of passwords. We will be developing skills to create a presentation using Microsoft PowerPoint. We will be further developing the children's programming skills using the Beebots.

THOMAS RUSSELL INFANTS' SCHOOL

YEAR 2 AUTUMN TERM 2022

TOPIC WEB

Art - Art will be taught through our Forest School sessions this term with the children learning about the artist Andy Goldsworthy. They will be exploring walls, paths, circles, spirals and reflections, and use them as inspiration for creations outside.

DT - The children will be producing a product that is moveable via wheels on an axle. They will be making a wooden frame for their vehicle.

RE - Our RE work will be exploring stories from religious traditions. We will link our whole school Harvest Festival work with finding out how the world contains many beautiful natural things, all of which are unique. We will find out about conservation projects which are run to support wildlife or the natural environment. We will finish the topic by linking faith stories about the natural world with beliefs, attitudes and actions.

Music - This half term we will be listening to, recognising and playing echoing phrases by ear. We will be playing a song's melody on tuned percussion instruments and singing with good diction to emphasise word play. We will be composing and improvising rhythms/rhythm patterns.

We will also be learning to recognise and respond to different changes of speed (tempo), volume (dynamics), and pitch (high/low). Finally we will be identifying different qualities of sound (timbres) such as smooth, scratchy, clicking, ringing, and how they are made.

PSHE - We will look at what makes our class a safe and fair place to be in and how this makes our class a good place to learn in. We will develop the children's independence skills by teaching them how we can try to solve problems that we might be having with friends. We will look at what bullying is and what you need to do if you think you are being bullied. **British values** - We will explain how UK law has changed throughout history and how it compares to law today and explore the importance of rights and responsibilities.

PE - We will be concentrating on our fundamental skills beginning by exploring different static balances. We will practise aiming accurately using a variety of balls and equipment and the children will learn how to time their running to stop/intercept the path of a ball. We will travel in different ways including jumping from one foot and landing on the opposite or both feet. The children will also be learning the skills to help them become playground leaders focussing on what is the role of a playground leader, how to communicate effectively with other children and how to organise games so that everyone can participate. Finally this term the children will focus on their dance skills exploring and linking a range of actions with coordination and control. They will be composing and performing dance phrases and short dances and learning to recognise and describe how different dance activities make them feel.

Geography— This half term we will be developing our map work skills in preparation for our future Geography topics. We will be using aerial photographs to recognise landmarks and basic human and physical features. Our work will include devising a simple map; and using and constructing basic symbols in a key. We will learn the simple compass directions (North, South, East and West) and relevant locational and directional language [for example, near and far; left and right], to describe the location of features and routes on a map.

History— We will be starting our topic by learning about why we commemorate Remembrance Day. We will then move on to understanding the significance of names on Barton under Needwood war memorial. We will then move on to investigating more about the significant historical events, people and places in Barton under Needwood with a particular focus on WW1.

Science - Our Science topic will be looking at grouping and changing materials. We will start the topic by identifying and comparing the uses of a variety of everyday materials. We will look at how you can identify the differences between man-made and natural materials as well as understanding that materials have different properties. We will work scientifically by comparing the uses of everyday materials in and around school with materials found in other places. We will investigate how the shapes of some materials can be changed by squashing, bending, twisting and stretching. Our topic will end by investigating the work and inventions of significant scientists— John Dunlop, Charles Macintosh and John McAdam. You may like to find out at home what they invented and how their inventions are still used today!

First hand experiences

2M will be doing Forest School during the first half term on a Wednesday afternoon.

2W will be doing Forest School after October half term on a Wednesday afternoon.

Please come to school wearing appropriate clothes for being outside in any weather.

2M PE days will be Tuesday and Thursday

2W PE days will be Tuesday and Friday.

Please come to school in your PE kit on these days.

Visit to the National Memorial Arboretum

Phonics - This term we will be revising the phonics sounds, rules and patterns from Year 1. We will also be planning to address any gaps in the children's knowledge and understanding before we move on to the Year 2 spelling rules and patterns. We would encourage you to continue to play phonics games with your child at home whenever possible:

<https://www.phonicsplay.co.uk/resources> or <https://www.phonicsbloom.com/> There are lots of the free games which you can access without needing to pay for them.

English - We will continue to develop the children's independent writing skills using both fiction and non-fiction texts. Please continue to help your child learn to spell new words at home - we will not be sending home spellings weekly, however we will send home words that they are expected to be able to spell by the end of the year.

We are also working on ensuring handwriting is neat and readable as well as beginning to join handwriting when the children are ready.

Reading continues to be an important aspect of school—we put more emphasis on the comprehension of reading and talking about our books.

Please continue to support your child with their reading, not just with books from school but the library or any you may have at home. It is important for your child to still read out loud to you on a regular basis. We place a big emphasis on children reading for pleasure as this has been shown to improve their outcomes at school.

Maths - We will cover a range of different areas in Year 2 building on the work that the children have done in Year 1. We will look at counting, partitioning and calculating ensuring the children understand what mathematical symbols are. We ensure that they become secure with number facts, particularly number bonds. We teach children strategies to improve mental calculations. We will also look at multiplication and division facts for the 2, 5 and 10 times tables. We will look at different combinations of coins and solve money problems, including giving change.

We will continue to help the children remember their Key Instant Recall Facts (KIRFs) and this term we will be focussing on recalling number facts within 20 and doubles and halves of numbers to 20.

Please can you help your child to practise writing their numbers correctly at home.