

Newton Tony Primary School CE VC

Spring Term 1 – Squirrels learning journey.

Our big question: Does anyone wake up hungry?

Science

Sounds and Vibrations

We will:

- Describe how sounds are made.
- Describe how sounds are heard through different mediums.
- Explain the relationship between vibration strength and volume.
- Describe the relationship between volume and distance.
- Describe pitch and how to change it.
- Explain how insulating materials can be used to muffle sound.
- Observe closely how different instruments create a sound.
- Research how whales and dolphins communicate underwater.
- Present results using a bar chart.
- Suggest which variables to measure and for how long.
- Design simple results tables.
- Identify when results or observations do not match predictions.

English

We will be focusing on the book 'Arthur and the Golden Rope' by Joe Todd Stanton in our writing lessons.



We will be learning about expanded noun phrases, paragraphs and using pronouns to aid cohesion and avoid repetition.

In our fiction writing we will draft, edit and present an unexpected hero story.

For our non-fiction piece of writing we will write a biography.

We are reading...
Miraculous journey of
Edward Tulane by
Kate Dicapillo..



You are welcome to buy your child a copy of the termly class book this term. Children love to read along in class with their own copy. Please let us know if you would like the school to buy the book. We are happy to!

Maths

We will be focusing on multiplication and division.

We will establish that when two whole numbers are multiplied together to give a product, both the numbers are factors of the product.

Year 4 children will generalise this further to conclude that a factor of a number is a whole number that divides into it exactly. We will develop their knowledge and understanding of the structure of multiplication.

We will divide up to a 3-digit number by a 2-digit number, looking at calculations that may involve exchanging, as well as those with remainders.

We will continue to practice our times tables daily.

Spelling

Our spelling programme is **SCORE**, which is etymology enriched and phonic based.

This term we will look at the use of apostrophes in contractions.

Our focus sound is /ul/ coded -le, -al, -el, -il and ul.

We will look the suffix -ful.

RE

Our theme is : Creation/Fall

Our Key Question: What do Christians learn from the creation story.

Religion: Christianity

Geography

Who lives in Antarctica?

We will learn to:

Describe what lines of latitude and longitude are, giving an example.

Understand that the Northern and Southern Hemispheres experience seasons at different times.

Define what climate zones are.

Understand Antarctica has a polar climate made up of ice sheets, snow and mountains.

Describe Antarctica's location in the far south of the globe.

State that tourism and research are the two main reasons people visit Antarctica.

Describe equipment researchers might use and clothes they wear.

List some of the research carried out in Antarctica.

State the outcome of Shackleton's expedition.

Successfully plot four-figure grid references at the point where the vertical and horizontal line meet.

Describe a similarity and difference between life in the UK and life in Antarctica.

Confidently use the zoom function on a digital map.

Begin to recall the eight points of a compass, following at least four of them.

Recognise and describe features on their school grounds from an aerial map.

Draw a map of the route they take on an expedition.

Design and Technology

DT - Digital world: Mindful moments timer.

We will:

State and/or describe the advantages and disadvantages of existing products (timers).

Understand how virtual micro:bit features could be used as part of a design idea.

Use research to inform design criteria.

Write a program that displays a timer on the virtual micro:bit based on their chosen seconds/minutes.

Suggest where the errors are, if testing is unsuccessful, by comparing the correct code to their own.

State key functions in the program editor (e.g. loops).

Evaluate the immediate appeal of the virtual micro:bit timer and how it might function.

Explain the need for a company to stand out against competition and/or state the importance of logos in business.

Computing

Creating media: Video trailers

We will be developing our filming and editing video skills through the storyboarding and creation of book trailers.

Art and design

Art and Design: Ancient Egyptian scrolls

This unit focuses on exploring and creating Ancient Egyptian art. We will understand and apply the styles, patterns, and techniques of Ancient Egyptian art through lessons that include designing scrolls, making paper, and creating contemporary responses using zines.

PSHE

Safety and the changing body

We will:

Write an email with instructions written using positive language.

Create a decision tree showing how to deal with unkind online behaviour and cyberbullying.

Understand how quickly information can spread on the internet and some of the risks associated with that.

Understand the difference between private and public, and secrets and surprises.

Identify an allergic reaction to a bite or sting and how to seek medical help if required.

Understand choices that they can make and those that are made for them.

Understand it is most important to ensure the safety of myself and others when faced with an emergency situation.

Explain rules for keeping safe near roads.

Music

Pentatonic melodies and compositions

We will be able to:

Match our movements to the music, explaining why we chose these movements.

We will accurately notate and play a pentatonic melody.

We will play our part in a composition confidently.

We will work as a group to perform a piece of music.

PE

This term we will be swimming at Five Rivers

Leisure centre in Salisbury every Thursday.

We will be practicing circuits in our Friday afternoon lessons. We will also participate in any relevant cluster school sports competitions and festivals.

French

Playground games – numbers and age

We will:

Recall numbers one to twelve with increasingly accurate pronunciation.

Join in with a song using actions.

Respond to numbers by showing fingers or ticking on whiteboards.

Ask and answer a question about their age.

Recognise number words.

Listen carefully and relate sounds to written phonemes.