

## Science

### Teeth

Know and explain how the shape of teeth make them useful for different purposes.

Know and explain how plaque causes tooth decay.

Know and explain what happens to teeth during the lifetime of humans and ways we can ensure our teeth stay healthy.

Know how to plan and conduct an investigation to find out which drink causes the most tooth decay.

Know how to classify animals according to their diet.

Know how to construct and explain a variety of food chains.

## RE

New Life- To hear and live the Easter message. In this topic we will examine the Big Question: What is so important about new life?

Compare ideas about 'Good News brings life'.

Discuss and describe the actions of Christians living out the 'Power of the Holy Spirit', giving reasons for what they say and do.

Describe the actions of Peter and John, giving reasons for their actions.

Describe how Christians spread the Good News today and give reasons for their actions.

Describe the actions of Paul and give reasons for these.

Describe ways in which belief in the Good News and the coming of the Holy Spirit is lived out and give some reasons for these.

**Building Bridges:** Admitting wrong, being reconciled with God

Why are bridge-builders important in daily life? In this topic we will examine the Big Question: Why are bridge-builders important in daily life? Compare ideas about building bridges of friendship.

Describe ways in which Christians can live out the message of the Good Shepherd story, giving reasons for their actions.

Discuss ways in which Christians build bridges and make links to Scripture and quotations.

Describe the different words and actions in the Sacrament of Reconciliation and give some reasons for these.

Discuss symbols and actions to prepare a liturgy of Reconciliation and give reasons for choices.

Give examples of our actions and respond through prayer.

Describe the words of St. Paul and link these to the Our Father prayer and other sources.

## DT:

Know and identify different features of castles (Ref 1).  
Know and recognise how multiple shapes (2D and 3D) are combined to form a strong and stable structure.

Know and explain which of the 3D shapes help to make the castle strong. Know how to design a castle (Ref 2). Know how to design a castle with key features which appeal to a given person and purpose. Know how to construct 3D nets (Ref ) Know how to create more complex structural nets. (Lesson 4 and 5) Know how to construct my final product (Ref 4). Know how to construct my final product to build a complex structure from simple geometric shapes. Know how to explore and evaluate my finished product. KSH – Kind, specific, helpful.



## History:

Know that there are historic caves under the streets of Nottingham.

Know where these streets are in relation to our school.

Know who lived in the caves through the ages.

Know and explain the various uses of Nottingham Caves in the 9<sup>th</sup> Century.

Know how and why the cave networks were used to isolate plague victims.

Know and explain how the caves protected inhabitants during WW2.

Know how and why the caves bring tourism to Nottingham.

## French

Know how to describe different types of weather (this subject will be revisited in Year 5/6).

Know how to write and say short sentences about the weather (e.g. il fait froid – it is cold).

## Maths:

- Decimals
- Money
- Time
- Statistics
- Properties of shape
- Position and direction

We continue to use the White Rose schemes of learning which are designed to support a mastery approach to teaching and learning, as well as to support the aims and objectives of the National Curriculum. The children in Year 4 also have a focus on learning times tables in preparation for the Multiplication Tables Check.

## English:

Diary Entry:

Know and identify the features of a diary entry and know what a diary is.

Know, identify and explain the features of a diary entry.

Know and infer characters thoughts and feelings from their stated actions.

Know which inference questions to ask and answer based on characters' feelings, thoughts and motives.

Non-Chronological report: Caves

Know and identify the features of a non – chronological report.

Know, identify and explain the features of a non – chronological report and which questions to ask to improve my understanding.

Know the skill of 'skim and scan' to retrieve details from the text.

Know which relevant quotes to use to support my answers to questions.

## Computing:

**Photo Editing – Using a variety of software – PaintZ and Pixlr**

Know why an image may need to be cropped.

Know how different colour effects can make the viewer think and feel different things.

Know how to use cloning tools to make edits as unnoticeable as possible.

Know why photos might be edited.

Know how to select, open and edit a range of images to create an independent project.

Know how to publish a final image.

## PSHE – Created to Live in Community

### Unit 1 – Religious Understanding

Know and explain how God is love as shown by the Trinity.

Know and explain how the human family is to reflect the Holy Trinity in mutual charity and generosity.

### Unit 2 – Living in the Wider World

Know the Church is not a building, but all the people around the world who believe in Jesus.

Know how we can live out what God wants in our daily lives.

Know how to devise practical ways of loving and caring for others.

## Music:

Pentecost 1 – Inter-Related Dimension of Music (Melody) The children will understand and perform layered, melodic ostinato patterns. By the end of the year they will be able to read new notes from stave notation and be able to incorporate the ostinato/layering sections within the middle of piece before performing and evaluating their performance.

Pentecost 2 – Compose: By the end of this year the children will be composing short pentatonic phrases and notate these onto a stave. They will be able to perform their pentatonic pieces and a song with musicianship, being able to listen and appraise their performances.

**PE:**

**Year 4 children in Miss Szarvaz-Jones class will be swimming this half term. The Year 4 children will be having tennis sessions at the Brendan Lawrence Centre with a Tennis coach or in school with a Sports Specialist. The Year 4's will complete an Athletics unit.**