

Year 5 Curriculum Map

Autumn Term

Mrs. Chodnicki and Mr. Hall



Science

Physics - White Rose - Forces – Investigating gravity, exploring how air, water, and friction resistance oppose motion.

Physics - White Rose - Space - explore the Sun, Earth, and Moon as spherical bodies, map the orbits of the planets in our solar system.

Sustainability - White Rose – Global warming – Learning how to reduce climate impact.

History/Geography

Geography Kapow What is it like in the Alps? - Investigating tourism in mountain environments by learning about the climate and features of the Alps, with a focus on Innsbruck.

History Kapow Where the Vikings riders, traders or something else? - Exploring the Viking age by learning about Viking raids, trade, settlement and the struggle for control of Britain.

Art/DT

DT Kapow Mechanical systems – Designing and making pop-up books.

Art Kapow Drawing depth emotions and movement - investigating how drawing can express emotion, movement and depth, inspired by the work of Charlie Mackesy and Elizabeth Catlett.

Religion: CST - Care for Creation and Preferential Option for the poor

RED Branch 1 - Creation and Covenant - explore how faith and science coexist, study God's covenants with figures like Abraham, and learn to be stewards of God's creation.

RED Branch 2 - Promise and Prophecy – Exploring God's promises through the prophets and how they are fulfilled in Jesus, the promised Messiah.

English: Texts - The Tear Thief - Carol Ann Duffy (Picture book for older children) Kensuke's Kingdom- Michael Morpurgo (Modern Fiction- Adventure) Jungle Survival Handbook

Narrative - Narrative, Descriptive writing, Writing in Role,

Poetry - Haiku (Japanese link), Dark Sky Park- Philip Gross

Non-Fiction – Recount, Instructional/Information Text, Biography,

Maths: Place Value - Roman numerals (to 1,000), place value (to 1,000,000), read and write numbers, powers of 10, 10, 100, 1,000, 10,000 and 100,000 more or less, partition numbers, number lines, compare and order numbers, rounding.

Addition and Subtraction - Mental strategies, addition, subtraction, rounding to check answers, inverse operations, multi-step problems, compare calculations, find missing numbers.

Multiplication and division – Multiples, common multiples, factors, common factors, prime numbers, square numbers, cube numbers, multiply and divide by 10, 100 and 1,000, multiples of 10, 100 and 1,000

Fractions - Equivalent fractions, improper fractions and mixed numbers, compare and order fractions, add and subtract fractions, add and subtract mixed numbers.

PSHE

Anti-Racism 1 and 2

Module 1: Created and loved by God.

PE

Get Set 4 PE

Hockey

Basketball

Swimming Gym

Computing

Purple Mash

Quizzing

Database

Game creator

Music

Weekly Hymn Practice

Charanga

Recorders