

Year 5 Autumn 1st

Science

Properties of Materials

Learn that: materials have different properties, some conduct electricity, some are magnetic, some are absorbent, there are reversible and irreversible changes

Art / D.T.

Digital World - Monitoring Devices

Explore devices and sensors, use CAD (computer aided design)

P.E.

Invasion Games - Football

Including: pass, receive and dribble the ball in different ways with increasing control & accuracy, begin to choose best techniques for attacking and defending in a game

Outdoor and Adventurous Activity (OAA)

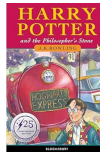
Including: show good co-ordination, balance & control, use a compass, know compass directions, use maps to navigate

M.F.L.

All About Me

Introduce family members, parts of the body, how to describe hair and eyes

English



Reading

...and performance poetry

Continuous teaching of reading and application through VIPERS skills. (Vocab, Infer, Predict, Explain, Retrieve, Summarise)

Writing

Writing genres will include:
Character and setting description, adventure story

Spelling/Phonics

Words ending in: -tious, -ious, -cious, -tial, and -cial

Maths

Throughout Autumn 1st and 2nd terms

Place Value

Including: Roman numerals to 1,000, read, write, partition, compare, order & round numbers to 1,000,000, powers of 10

Addition and Subtraction

Including: add whole numbers with more than 4 digits, inverse operations, multi-step addition & subtraction problems

Multiplication and Division

Including: multiples, factors, prime numbers, square numbers, cube numbers, multiply & divide by 10, 100 & 1000

Fractions

Including: equivalent fractions, comparing & ordering fractions greater than and less than 1, adding fractions, converting mixed numbers to improper fractions and vice versa

R.E.

Inspirational People in today's world

Learn about international inspirational people and local examples too

Computing

Systems and searching

Recognising IT systems in the world and how some can enable searching on the internet.

History/Geography

How important are rivers?

Know the course of a river, the causes of floods, identify some rivers in the UK, the importance of the River Trent for Newark

Music

"Livin' on a Prayer"

- * Listen & appraise "Livin' on a Prayer" & other classic rock songs
- * Know the instruments in rock music & their role
- * Learn about bridges & musical interludes
- * Follow notation to play short melodies
- * Perform

PSHE/RHE

- * Online safety
- * Chuter Ede Values
- * Can I set goals for me?
- * How does alcohol damage my health?
- * Can my mind get ill?