

Autumn 2

Maths

(Multiplication, division, roman numerals)

Common factors, common multiples, composite numbers, cube numbers, prime numbers, prime factors, square numbers, dividend, divisor, quotient, remainder

PE

(Gymnastics)

Asymmetrical, symmetrical, canon, cartwheel, extension, inverted, matching, mirroring, momentum, observe, pathways, stable, synchronisation, transition

Art/DT

DT: Textiles combining techniques

Art: Textiles and Surface design

Design criteria, annotate, design decisions, functionality, innovation, authentic, user, purpose, evaluate, needle, thread

English

Relative pronouns, relative clause, narrative, parenthesis, cohesion, adverbials, inverted commas

Computing

(Systems and networks: Search engine lessons)

Algorithm, copyright, credit, fake news, inaccurate, index, keywords, page rank, search engine, TASK, web crawler

Life Skills

**(Mental health and wellbeing
Anti bullying)**

Emotions, distractions, negative bias, positive thinking, worries, rumination, stress, tension, reactivity, self-regulation strategies

RE

(How has believing in Christianity and Islam impacted on music and arts throughout history?)

Islam, Influence, aniconism, architecture, expression, hadith, hymn, iconoclasm, mosque, prophet, symbolic.

Science

(Forces: Unbalanced)

Friction, Newtons
Gravity, Air resistance, Water resistance, levers, pulleys, balanced, unbalanced, surface area

History **(WW1)**

The Great War, British Empire, allied forces, front line, propaganda, telegram, Triple Alliance, Triple Entente, No Man's Land.

(Guy Fawkes)

Religious consequences, Rebels, Robert Catesby, Historical source, reliability.