Hampton Junior School

Curriculum Overview Year 6 Autumn Term

Maths: Skills and Knowledge
Number (including negative numbers and Roman numerals)
Place value (including decimals)
Mental and written addition, subtraction, multiplication and division (including remainders expressed as fractions and decimals)
Algebra
Problem solving—multi-step problems, missing number problems, reasoning and explanations
Measurement—length, capacity, mass, money and time
Fractions—improper and mixed number fractions, non-unit fractions of amounts, percentages, applying all four operations to fractions
Geometry: property of shapes—perimeter, area and volume of shapes (including the area of a triangle and of parallelograms), nets of 3D-shapes, translation, calculating diameter and radius of a circle

English and Language: Skills and Knowledge

Stone girl Bone girl—The Story of Mary Anning by Laurence Anholt

Clockwork by Philip Pullman
Descriptive writing

Street Child by Berlie Doherty
Extended story chapter
Biography

Vocabulary

Evolution
Inheritance
Fossils
Adaptation
Blood Vessels
Heart
Circulatory
System
Healthy
Lifestyles

Creativity and Design

Art/DT:

Designing, creating and producing prints and clay tiles inspired by William Morris and Paul Klee

Exploring textures and artists—George Seurat and Ansel Adams

Games:
OAA
Hockey
Dance
Tag Rugby

Music:
20th Century Music from the Victorian Music Hall through to the development of Jazz.

Foreign Languages:
My House
School Timetables

Autumn Term 2021

The Revolutionary Victorians

Victorian Day

Understanding the World Around Us

The Victorians:
The Industrial Revolution
Working children
Education
Inventions
Crime and Punishment

RE:
What does it mean to be a Muslim?
What does it mean to be a Sikh?

PSHE: 'Health and Wellbeing' and 'Living in the Wider World'

Computing and Science; Skills and Knowledge

Science:

Evolution and Inheritance
Animal and plant adaptations
Mary Anning and Charles Darwin
Scientific investigation and enquiry

Animals including Humans:
Circulatory system
The heart, blood and blood vessels
Transportation of nutrients and water
The impacts of diet and exercise

Computing:
Online safety and reliability of search engines.
Internet Communication

Ways of Supporting Your Child at Home
Reading daily
Times tables practise—multiplication and division facts
Mental mathematics including all four operations.

Suggested Visits: Science Museum and Natural History Museum