

## Geography Natural Disasters

- Understand climate change
- Build knowledge on map skills
- understand geographical similarities, differences and links between places through the study of a region within Africa (Mount Nyiragongo in DR Congo)

## Computing App Creation

- Use block-based programming language to create a sequence.
- Use user input in an event-driven programme.
- Use variables in an event-driven programme.
- Start your own app project.
- Test your app creation.

## History The Crusades

- What were the crusades?
- Who were the crusaders?
- Christians vs Muslims
- Richard vs Saladin
- Crusade one
- Crusade two
- Why did crusade three fail?

## PE

### Ultimate Frisbee

- Forehand/ Backhand
- Types of defence; What is the force
- Scuba

### Rounders

- Throwing, Catching, Batting
- Tactics and fielding positions
- Rules

### Tennis

- Serving volleys
- Forehand and backhand spin
- Passing shots

## Art Ceramic Pot Design

- Use of specific tools used for ceramics
- Use of pottery glaze
- Realizing design form illustration to glazed ceramic
- Student reflection of results

## PHSE Careers – project with Year 7s

- Dragons' Den – project management & budgeting
- Careers and transferable skills

## Design Technology – Resistant Materials Layered Mirror

- Cutting and shaping timber to a design
- Making a former
- Thermo-forming plastic, vacuum forming
- Cutting and joining plastics

## French Holidays

- Saying what you like doing
- Using the near future tense
- Hobbies and holiday activities
- Future time markers

# Year 7 Summer 2

## Science

### Forces: Speed & Gravity

- Able to describe what forces do
- Identify contact force, non-contact force & newton
- Use a newton meter to make predictions of sizes
- Able to work out resultant force
- Being able to tell what an object is doing based on a force diagram

### Waves: Sound & Light

- Understanding the relationship between pitch and frequency and between volume and amplitude and being able to define what each mean.
- Understanding how sound energy is transferred from one place to the other and what happens to the particles as a result
- Able to describe ways that hearing can be damaged

## Citizenship

- The census
- Population & political make-up of the UK
- Local elections

## Music

### Film Music

Beethoven: 5<sup>th</sup> Symphony – motif

- Know which instruments are used
- Create own gamelan piece
- Perform and evaluate

## English Writing Unit: Fiction (Short Stories and Extracts)

- Explore texts' purpose, audience and format.
- Create texts which are suitable for purpose, audience and format.
- Explore descriptive writing to be able to apply descriptive devices in writing.
- Use images as stimuli for writing.

## Maths

### Reasoning with number

- Know and use mental strategies for addition, subtraction, multiplication and division
- Know and use mental arithmetic strategies
- Use estimation
- Identify and represent sets in probability
- Interpret and create Venn diagrams
- Know and use vocabulary of probability
- Generate sample space diagrams
- Calculate probability of a single event
- Find and use factors and multiples
- Recognise and use prime numbers
- Find LCM and HCF
- Use factor tree to find prime factors
- Make and test conjectures and use examples

## RE

### Death

- The universe and life after death
- Reincarnation, death rituals & funerals
- The big questions according to other religions