


**English**

**Reading**

- Provide reasoned justifications for their views
- Retrieve, record and present information from non-fiction
- Drawing inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence

**Writing**

- In narrative, describe settings, characters and atmosphere
- Integrate dialogue in narratives to convey character and advance the action
- Select vocabulary and grammatical structures that reflect what the writing requires
- Using a range of cohesive devices within and across sentences and paragraphs
- Use verb tenses consistently and correctly
- Use KS2 punctuation mostly correctly



**DT**

- Use **3D CAD** software to communicate ideas.
- Modify a design to make it stronger and more stable using knowledge of **triangulation** and reinforcing.
- Select appropriate materials and tools for **cutting and joining**.
- Critically evaluate the success of a structure within constraints and suggest alternative, more sustainable, materials.

**Additional Key Vocabulary:**

**Reinforce, stabilise, constraints and prototype**

**Music**

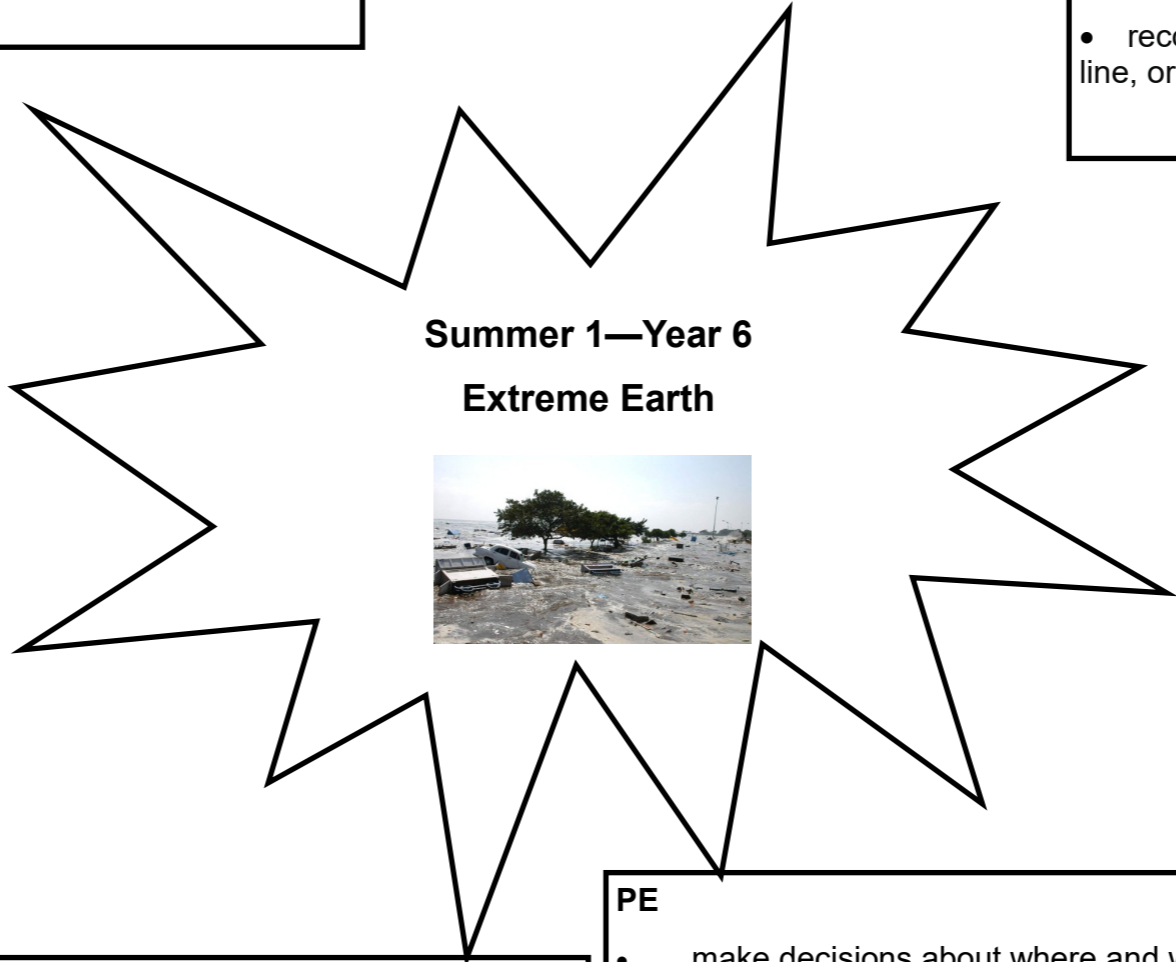
- identify the common features of **reggae** and introduce the **drum groove**.
- develop an understanding of the common features of Reggae with a focus on the **chords** and bass line.
- compose a **melody** made of pairs of phrases to fit over a chord structure and bass line.

**Additional Key Vocabulary:**

**Accent, accompaniment, riff and triad.**

**Maths**

- describe positions on the full coordinate grid (all 4 quadrants)
- draw and translate simple shapes on the coordinate plane, and reflect them in the axes
- draw 2-D shapes using given dimensions and angles
- recognise, describe and build simple 3-D shapes, including making nets
- compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals, and regular polygons
- illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius
- recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles



**Geography**

- Know what causes an **earthquake**.
- Know how locations around the world are changing due to the effect of earthquakes and **tsunamis**
- Know how to collect **statistics** on **magnitude** of earthquakes using the **richter scale**

**Additional Key Vocabulary:**

**Tectonic plates, fault line, seismograph and charities.**

**Science**

- **Classify** living things into broad groups according to **observable characteristics** and based on similarities and differences
- Know how living things have been classified
- Give reasons for classifying plants and animals in a specific way

**Additional Key Vocabulary:**

**Vertebrate, invertebrate, kingdoms, fungi and bacteria.**

**Computing**

- Know how to build a data set in a **spreadsheet** application including collecting, analysing, evaluating and presenting data and information.
- Know how to construct a **formula** in a spreadsheet.
- Know how to apply a formula to **calculate** the data I need to answer questions

**Additional Key Vocabulary:**

**Inputs, duplicating and data.**

**PE**

- make decisions about where and when to send the ball to **stump** a batter out
- develop a variety of fielding techniques and when to use them in a game.
- develop **long and short barriers** in fielding and understand when to use them.
- develop the **forehand groundstroke**.
- develop accuracy of the **underarm serve**
- develop the **volley** and use it in a game situation

**Additional Key Vocabulary:**

**Tactics, scoring, bowling and fielding**

**RE**

- To understand the Muslim concept of **tawhid**.
- Know that tawhid is at the centre of the Muslim faith.
- Know how this central belief ripples out into the religion.
- Explore tawhid in Muslim stories and **scripture**

**Additional Key Vocabulary:**

**Pillars, kaaba, salah, hajj, ummah**