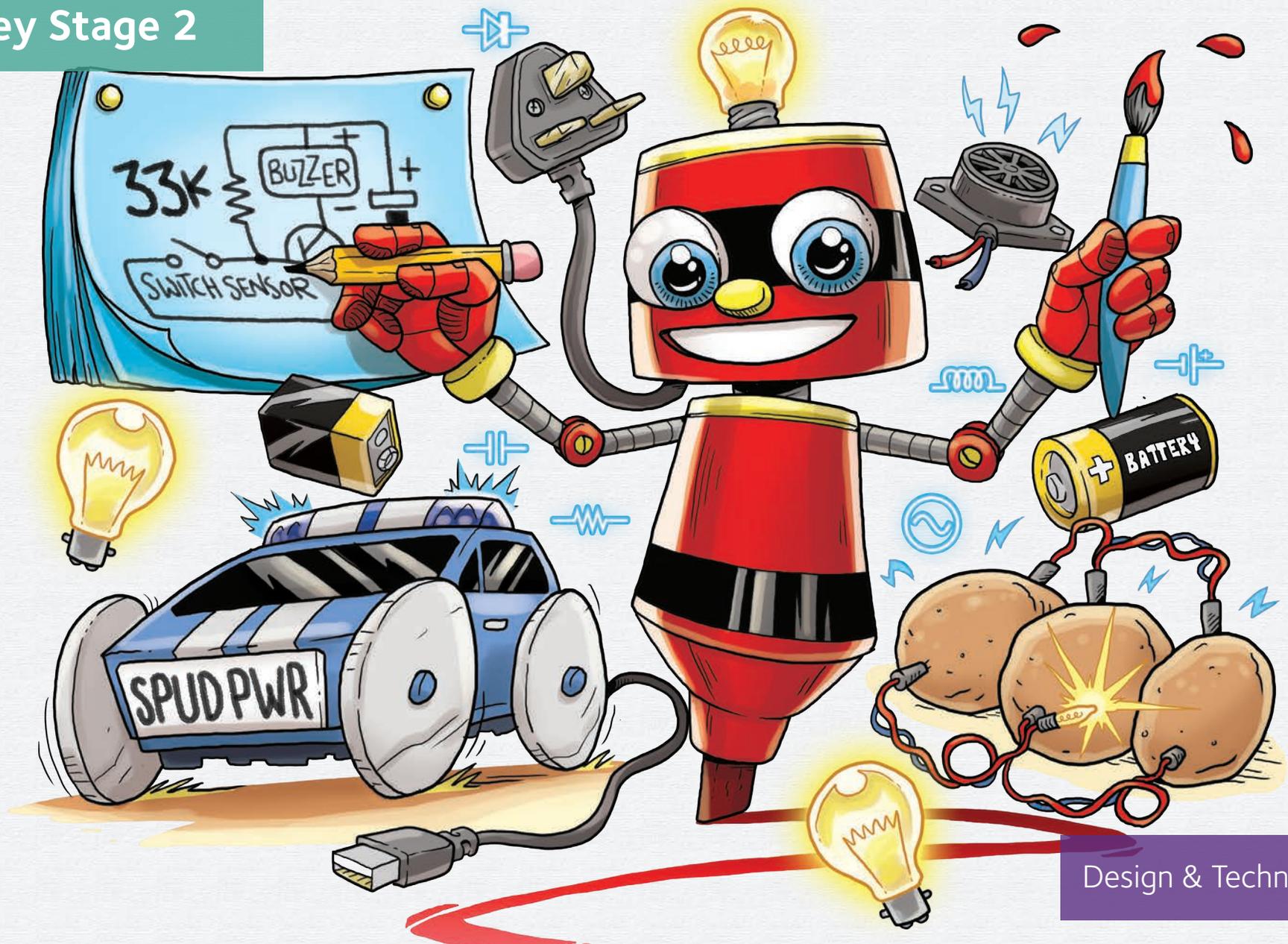


Key Stage 2



Earthquakes, Zones and Volcanoes

As **geographers** we will:

- Investigate patterns of earthquakes, mountains and volcanoes
- Explore the different climatic and vegetation zones of the world
- Find out about where natural resources are found
- Explore how countries are linked through their use of natural resources

We will look at:

Physical features of our world such as:

- The 'ring of fire' - an amazing area of the world where most of the volcanoes and earthquakes may be found
- The different types of volcano that may be found around the ring of fire
- The incredible range of temperature zones from the poles to the tropics and how the vegetation and animals differ in these places
- Places where we find our most precious life resources - water, food and energy
- Places where we find our most precious economic resources - precious metals, diamonds and energy
- The location of major mountain chains of the world and a look at how they have formed over many millions of years

Human features of our world, such as:

- Economic activity in different zones throughout the world
- How countries trade their natural resources
- Some of the deepest mines and the fantastic machinery that extract natural resources
- Some of the concerns about the overuse of some of the world's natural resources such as rainforest timber, fish and even helium - the party balloon gas that is becoming rarer by the day
- We will explore how scientists are trying to develop new energy resources and technologies
- How communities and engineers deal with volcanic eruptions and earthquakes

As **writers** we will:

- Present information
- Write reports
- Create stories and other narratives based on the human and physical features we study
- Write poetry based on the volcanic eruptions

As **artists** we will:

- Draw and paint images of volcanoes, earthquakes and zones we study
- Create sculptures
- Take inspiration from some of the world's greatest artists in each of the zones we visit

As **mathematicians** we will:

- Use statistics
- Calculate time
- Make calculations involving addition, subtraction, multiplication and division

Skills and Knowledge Progression

Transport and Trade - Key Stage 2 History Milestone 2

Essential Learning Objective	Essentials for Progress
To investigate and interpret the past.	<ul style="list-style-type: none"> • Use evidence to ask questions and find answers to questions about the past. • Suggest suitable sources of evidence for historical enquiries. • Use more than one source of evidence for historical enquiry in order to gain a more accurate understanding of history. • Describe different accounts of a historical event, explaining some of the reasons why the accounts may differ. • Suggest causes and consequences of some of the main events and changes in history.
To build an overview of world history.	<ul style="list-style-type: none"> • Describe changes that have happened in the locality of the school throughout history. • Give a broad overview of life in Britain. • Compare some of the times studied with those of other areas of interest around the world. • Describe the social, ethnic, cultural or religious diversity of past society. • Describe the characteristic features of the past, including ideas, beliefs, attitudes and experiences of men, women and children.
To understand chronology.	<ul style="list-style-type: none"> • Place events, artefacts and historical figures on a timeline using dates. • Understand the concept of change over time, representing this, along with evidence, on a timeline. • Use dates and terms to describe events.
To communicate historically.	<ul style="list-style-type: none"> • Use appropriate historical vocabulary to communicate, including: <ul style="list-style-type: none"> • dates • time period • era • change • chronology • Use literacy, numeracy and computing skills to a good standard in order to communicate information about the past.