

# Golding Autumn 2 2025



Acorn Park

## History

This term the learners will be examining the Industrial Revolution. They will consider the big picture of Industrialization in the UK, Urbanisation, the heroes of Public Health, Chartism and electoral reform and the impact of the industrial revolution on the country.

## Art

This half-term, students will be focusing on our termly theme "The Body", following our "All about me" topic. Students will explore the human body through drawing, painting, and sculpture, learning how artists represent movement and anatomy. They will study proportions, structure, and shape, using different materials to show bones, muscles, and energy. Their artwork will link art and science, helping them understand how the body works through creative expression.

## Maths

This half term, Golding will begin with coordinates and graphs, extending their plotting skills to all four quadrants and learning to draw and interpret simple linear graphs. They will then move on to multiplying and dividing fractions, applying their knowledge of equivalent fractions to more complex calculations and problem solving. To finish the term, the class will focus on symmetry and reflection, identifying lines of symmetry and performing reflections across different mirror lines to develop spatial understanding and precision.

## DT

This term, students will be learning about the more complicated aspects of textiles within Design & Technology. This will include learning about where natural and synthetic materials come from, as well as the ethical considerations that designers must include in their design processes. Students will then learn how to apply this into a design portfolio before learning how we make garments, using allowances and the different types of stitching that we have available. In practical lessons, students will learn how to cut material and hand-stitch mini t-shirts.

## RE

This term the learners will be asking the question, "where does authority come from in religion". To help consider this, the learners will be examining why the Bible is a source of authority for Christians, is there room in Christianity for personal revelation, who were the Sikh Gurus and why tradition is a source of authority in both Christianity and Sikhism.

## English

This half term we will be continuing and developing our understanding modern literature .We will continue to complete studies using a selection of the following themes and genre- embedding class reader into main body of study: Gothic, Fairy Tale, Morality Tale, Horror,Adventure. This half term we will be reading the novel '*Lord of the Flies*'. We will also be taking part in a curriculum trip to Horsey Beach to see the seals.

## Science

This half-term in Science, students will be exploring Chemistry, focusing on the fascinating topic of Acids and Alkalis. Students will learn how to identify acids and alkalis, use indicators such as litmus paper and universal indicator, and understand how neutralisation reactions work.

We'll connect this topic to everyday life—from the acids in our foods and cleaning products, to how antacids help relieve indigestion, and even how farmers use neutralisation in soil care. We aim to show that Science is everywhere, making it a fun, engaging, and relevant subject for all students. Through a mix of hands-on practicals, discussions, and problem-solving activities, pupils will develop both their scientific knowledge and their investigative skills, helping them to think critically about the world around them.

## PE

Golding will be continuing with the theme of invasion games. They will be developing their knowledge of the rules of different games such as tchoukball and quidditch this

## Geography

We will be able to understand that Asia is one of the world's seven continents, where it is located and its economic position. To be understand that Japan is a country in the continent of Asia and its physical features and climate. To understand that Japan is a developed country. To understand that Tokyo is a city in the country of Japan and

## PSHE

Positive relationship with self, social media and relationship with self, negative self-talk. Managing a range of relationships, child on child abuse, personal space.

<p>half term as well as developing their team work skills. They will be working on sportsmanship in competition, building towards an end of term competition with other classes. In theory lessons they will be looking at healthy lifestyles.</p>	<p>continent of Asia; and why has the population and climate it does. To understand that rapid development has changed the way of life in Japan. To understand Japan has flora and fauna that have adapted to its ecosystems. To understand the industry of Japan, it's partnerships and trade.</p>	<p>Online etiquette, online privacy, bullying and personal safety. Social media issues and the law, coercion, unhealthy balance of power in relationships, sources of support</p>
<p><b>Citizenship</b></p> <p>This term we will be focusing on how the media affects us.</p>	<p><b>Animal Care / Horticulture</b></p> <p>The colder weather is approaching and the needs of our animals is changing. We will be looking at how we help our animals keep safe and warm. As always Animal Care we will be working on team work, sharing, being kind and having kind/safe hands. Personal qualities of being calm, professional, growing confidences and a work ethic are also themes that we plan to help with during our sessions. Transitions to and from animal care are an excellent opportunity to practice safe use of the roads and listening skills. We will be observing the changes in the trees and plants around the animals. We have a new animal and will be looking into his particular needs too. We will continue to feed, water, muck out, entertain, groom and exercise our range of animals. We will continue looking at animal families, different animal group types and comparing them and their care needs.</p>	<p><b>Computing</b></p> <p>Today, there's an app for every possible need. With this unit we will take learners through the design and development process of creating their own mobile app, using App Lab from code.org. Learners will explore design techniques, understand how hardware components can improve user experience and safety, before developing a working app.</p>