

## ENGLISH

The children will be examining a range of newspaper articles to identify the key features of journalistic writing. They will conduct their own research – learning how to take notes in bullet-point form and then re-write these in their own words. They will be taught how to organise their research findings – grouping facts appropriately into paragraphs, using topic sentences and formal language to link ideas. This unit will conclude with the children each producing their own newspaper article, giving them the opportunity to demonstrate all the skills they have learnt.

## GEOGRAPHY

This half term the children will be learning about rivers and the effects that they have on the landscape. They will begin by looking at the different features of a river and then study the characteristics of the River Thames in detail and why it is liable to flooding. The children will use a variety of resources such as maps, atlases, aerial photographs and ICT to support their learning.

## SCIENCE

The children will be continuing their study of the topic 'Earth and Space'. They will use their knowledge of day and night to investigate, record and present data and to draw conclusions about our planet. We will also learn more about the life cycles of stars and the constellations they create as well as researching some of the great scientists that helped us and the world to understand more about space and our own planet. In addition, the children will plan and carry out experiments to demonstrate their understanding of everything they have studied in the unit.

## MATHEMATICS

The children have started to explore decimal numbers, with a focus on how they link to their previous learning on fractions. After this they will concentrate on adding and subtracting decimal numbers mentally and using formal written methods. At the end of the unit, children will revisit rounding and how this skill is used with decimals. They will then look at percentages: what they are, how they are used and compare them with decimals and fractions.

# GODWIN JUNIOR SCHOOL



## Y5 SPRING TERM SECOND HALF

# CURRICULUM NEWSLETTER

## RE

The topic this term is 'How do Christians try to follow Jesus's example?' The children will explore how Christians try to follow in the footsteps of Jesus and discuss who, or what, inspires them. The children will learn about Christ's life through stories and will be given the opportunity to identify what the priorities are in their own lives.

## DESIGN AND TECHNOLOGY

Our design and technology unit this half term is 'Moving Toys'. The class will investigate cam mechanisms and toys that contain them. They will discover how different shaped cams can alter the movement of the follower and how to create a sturdy structure using a variety of tools and techniques. As toymakers we will then have the chance to design, make and evaluate our own moving toy with a cam mechanism.

## COMPUTING

During their lessons, the children will be introduced to spreadsheets for the first time. They will find out how information is entered into spreadsheet and how formulae can be used to calculate totals. Later on they learn how to generate graphs and plan their own spreadsheets.

## PE

In hockey, the children will be given the opportunity to improve their skills in passing, dribbling and shooting. Through team games, the children aim to work together to beat their opponents, and plan strategic plays. For indoor PE, the focus will be dance. The children will develop their skills; learning steps and keeping to rhythm, as well as choreographing their own pieces.