

## MATHEMATICS

This half term the children will be looking at improving their multiplication and division knowledge by drawing upon known facts e.g. using known multiplication and division facts and place value to derive other related facts e.g. using  $4 \times 9 = 36$  to calculate  $4 \times 90 = 360$ ;  $40 \times 9 = 360$ . They will also solve problems that include scaling by simple fractions. Next, we will be studying division in greater detail by solving problems that include two-digit numbers. The children will then move onto multiplying and dividing numbers by 10, 100 and 1000 (including numbers with one decimal place) securing their knowledge in this area.

## DESIGN AND TECHNOLOGY

Our topic is creating money containers. The children will start by exploring a range of money containers, purses and wallets to see what materials are used, what parts there are and who they were designed for. They will then move on to practical lessons: designing patterns and improving sewing and decorating skills. Finally, they will design, make and evaluate their own money containers, using the skills they have developed.

## PHILOSOPHY FOR CHILDREN

A stimulus, such as a story, video clip or image, is shared with the class; the children are encouraged to come up with philosophical questions about the stimulus. The philosophical questions are open to examination, further questioning and enquiry. P4C enhances children's thinking and communication skills in addition to boosting their self-esteem.

## ENGLISH

Our first topic in Year 5 is persuasive texts and we will be focusing on letter writing. The children will start by investigating the characteristics of persuasive writing by evaluating existing letters and advertisements. They will then use the key features they have identified to write their own persuasive letter linked to their geography topic.

## GEOGRAPHY

The children will be discovering more about life in urban and rural areas of England. Comparisons will be made between the settings and the children will look at land-use maps of the past and compare these with the present to identify how the landscape of the local area has changed. Using atlases and Google Earth the children will also identify major cities and counties in the UK.

## COMPUTING

This term in computing, pupils will be learning the building blocks of website design, including how to use basic HTML code and how to lay a webpage out effectively. Then they will be tasked with creating their own stylish website that expresses their own point of view.

## PE

To continue to keep children active and healthy, exercise videos, website links and activity cards will be posted on Google Classroom. Activities to be covered are games, fitness and problem solving. Exercises to be posted will include videos on PE with Joe Wicks, BBC Super Movers, GoNoodle and Zumba Kids.

# GODWIN JUNIOR SCHOOL



## Y5 SPRING TERM FIRST HALF

# CURRICULUM NEWSLETTER

## SCIENCE

In the science topic 'Earth and Space', the children will be studying the solar system. They will learn about the planets in our galaxy and how each orbits the sun. The children will also investigate the causes of day and night and why daylight hours differ throughout the different seasons. Additionally, the children will investigate how scientists discovered that the Earth is spherical and not flat.

## RE

In RE, the children will explore stories from a range of religious traditions such as the story of Adam and Eve (Judeo-Christian), the story of Bilal (Islamic) and the story of the Buddha and Kisagotami (Buddhist). In each, they will be encouraged to look for levels of meaning and to apply what they have learnt to their own experiences.

