

**As writers we will:** begin the term with a non-fiction text by exploring a newspaper report and analysing the features using our 'Non-fiction shapes'. We will be focusing on shifts in formality, using subjunctive form and dashes for parenthesis.

**As mathematicians we will :**

- Solve problems using the relative sizes of two quantities where missing values can be found.
- Solve problems involving the calculation of percentages
- Solve problems involving similar shapes where the scale factor is known or can be found.
- Draw 2D shapes using given dimensions and angles.
- Compare and classify geometric shapes based on their properties.
- Recognise where angles meet at a point on a straight line, vertically opposite and finding missing angles.
- Illustrate and name parts of a circle, including radius , circumference and diameter.
- Use nets to recognise, and build 3D shapes.

**As Artists we will:** draw our own robot models, before going on to creating them.

HPL links for this half term are:



**This half-term we will:** discover virtual worlds of the future. We will be investigating technologies of the future and discovering people who have shaped our modern world. We will discuss the city we live in with its sci-fi like cityscape and constant drive towards innovation.

In the classroom, we will be discovering what happens when 'hack stars' infiltrate our computer systems and take over.

Using our own creativity and innovation skills, we will be designing and creating our own robots of the future!



**As readers we will:**

- Explore the features of our thriller narrative 'Stormbreaker' by Anthony Horowitz.
- Consider the authors intent by analysing language.
- Use and develop our inference and deduction skills.

**As scientists we will:** explore a working circuit by investigating the effect of adding and removing electrical components. We will be understanding how electricity behaves, especially when predicting and investigating which type of fruit makes the best fruit battery— how interesting!

**As historians we will:** compare changes to a society over time, by researching the history of computing. We will also learn out about key individuals in web designing.

**As design and technologists we will:** design and create a robot.

**As users of technology we will:** begin an introduction to spreadsheets. We will be answering questions to organise and calculate data.

**As citizens' of the UAE we will:** investigate electrical functions of landmarks, such as the Burj Khalifa. We will also discover internet laws in the UAE.

GFS Curriculum Drivers linked to the National Agenda		
Enterprise and Innovation	Eco and Environment	Inclusive Communities
<p><b>As enterprising children</b> we will consider an innovative future and design for our robots.</p>	<p><b>As people concerned with the environment</b> we will consider how buildings of the future could be designed in a more environmentally friendly way.</p>	<p><b>As members of a community</b> we will utilise and connect with those who have already begun to shape the future in Dubai.</p>

Opportunities for Enrichment	
School	Home
<ul style="list-style-type: none"> <li>◆ Create our own robots.</li> <li>◆ Investigate the future world of Dubai.</li> </ul>	<ul style="list-style-type: none"> <li>• Visit Fun robotics.</li> </ul>