





**As writers we will:** explore and understand the purpose of writing. We will be finding the features of a newspaper article. We will be planning and creating our own newspaper article. We will be studying authorial intent and exploring the techniques used with a narrative thriller. We will be using dialogues to create characters and develop action. We will experiment with sentences to develop competence as a writer. We will also use direct and indirect speech.

**As mathematicians we will :**

- ◆ Read, write, order and compare numbers up to 10,000,000 and determine the value of each digit.
- Round any whole number to a required degree of accuracy.
- Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.
- Multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication.
- Divide numbers up to 4 digits by a two-digit number using the formal written method of short division where appropriate, interpreting remainders according to the context.
- Identify common factors, common multiples and prime numbers
- Recognise and use square numbers and cube numbers, and the notation for squared (2) and cubed (3).
- Perform mental calculations, including with mixed operations and large numbers.

**As Artists we will:** dedicated to the exploration of different drawing techniques; shading techniques, graphite pencil techniques and pattern drawings. We will also introduce one point perspective through the use of the tonal ink wash technique, taking inspiration from Asian Art.

GFS Learning Hive—As 21st Century Learners we will			
 ENGAGE	 COMMUNICATE	 CONNECT	 INNOVATE
We will create an electrical circuit to enable ourselves to transfer morse code.	We will work together to develop, try out and refine sequences of instructions to effectively monitor, measure and control events.	We will connect our learning of computing to safely create our own class blog.	Design and create a robot using our knowledge of appropriate materials and gadgets.

**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 to when 'hack stars' infiltrate our computer systems and take over. We will be using speaking skills to interview blog stars in order to create our own class blog. We will be investigating and connecting circuits to construct our own devices. We will be using our innovative minds to create our own robots.



**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:** investigate a working circuit. We will also investigate the impact of brightness of the bulb based on the voltage.

We will be understanding how light travels and behaves especially when introducing objects.

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

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

**As users of technology we will:** become digital citizens. We will be developing strategies to deal with cyber bullying online and learning how to behave safely.

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

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

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> <li>• Visit the museum of the future in 2019.</li> </ul>