GEMS Founders School DUBAI

As writers we will:

- Identify the purpose of writing for adventure narratives and poems.
- Analyse the structure and language adventure narratives to create our own.
- Use a story mountain to write thrilling adventures that develop action, build up to a climax, include captivating problem-resolution scenarios and conclude them in suspense.
- Make use of figurative language to create imagery in poems that elicit real feelings from our readers.

As Artists we will:

- Analyse the photography of great artists such as Salvador Dali.
- Select appropriate materials and practice a variety of methods such as cross-hatching to compose pieces that represent tonal detail— taking inspiration from the artist Rembrandt Van Rijn.

As geographers we will:

- Investigate how the physical and human features of Dubai have changed over time..
- Explore and discuss the influence of the industrial revolution on physical and human features.

As design and technologists we will:

- Make use of digital devices such as VR headsets to explore the virtual world and design our own.
- Make use of Mblock (a STEAM programming software tool) that code robots to follow pre-set instructions.

As scientists we will:

- Explore the different stages of human development.
- Describe the life process of reproduction in both flowering plants and mammals.
- Investigate the differences between gestation periods for mammals.
- Work scientifically by performing investigations on reaction rates according to the scientific process skills. In addition, we will practice the steps it takes to accurately ask, predict, plan, set-up, test, observe, measure, record, report and explain an investigation.

GFS Learning Hive—As 21st Century Learners we will

ENGAGE	COMMUNICATE	CONNECT	INNOVATE
Explore the world around us by enthusiastically virtual realities. We will take responsibility for our learning by sharing our techniques for reading across the key stage.	We will collaborate with a range of generations to help us present significant findings out changes over time through a series of interactive interviews.	We will connect what we know about everyday human and physical features around us to create an awareness of the effect of time today.	We will make use of digital technologies and software to independently and effectively create digital portraits of our selves as we age through time.

This half-term we will travel through time to discover the past and the secrets that lay within it. We will discover how time changes not only our environment, but so too ourselves. We will dig deeper into understanding how the world around us is a product of change in both human and man-made features.

In the classroom we will be looking at how writing allows us to engage readers in different eras of time. We will be exploring how the human body develops over time, performing a variety of functions at different stages. In addition, we will look at how numeracy has developed from practices that evolved over the centuries. Moreover, we will explore how technology has enabled us to predict geographical patterns and features that could occur in the future. We hope to gain a better understandin of the world as we set of as time travelers!

GFS Curriculum Drivers linked to the National Agenda

Enterprise and Innovation	Eco and Environment	Inclusive Communities
As enterprising children we will host a book tasting to explore the genre of fiction, as well as host a story time with us to engage others in reading.	As people concerned with the environment we will consider the effects of human life on sea creatures and what we can do as wildlife warriors to protect endangered animals.	As members of a community we will look at the importance of identifying discrimination and promoting mutual well-being by recognizing tolerance as a moral necessity.

As readers we will:

- Study the adventure narrative Tom's Midnight Garden to understand character, plot and setting within such a genre of writing.
- Read poems to better understand the variety of rhythmic features present in the language of the text.
- Use the VIPERS structure to engage with the layers of language and grammatical features within a text.

As mathematicians we will :

- Read, write, order and compare numbers to at least 1000 000 and determine the value of each digit..
- Round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000..
- Read Roman numerals up to 1000 (M) and recognize years written in Roman Numerals.
- Count forwards and backwards in steps of powers of 10 for any given number up to 1 000 000.
- Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction).
- Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and explain.

As users of technology we will:

- Make use of digital devices and software to create digital portraits and perform data logging.
- Practice netiquette whilst learning to research online with accuracy.

As citizens' of the UAE we will:

Explore how the UAE has changed over time and how these changes have affected our culture and identity.

Opportunities for Enrichment

School	Home
Take part in a Readers are Leaders event to promote reading. Explore the world of science by going on a school trip to a Science Museum.	Engage in home learning tasks that showcase our ability to research more about endangered sea creatures and create time machines that transcend us to our own create universes/time periods.