

As writers we will:

- Be focusing on a narrative unit (fiction) again, because we displayed great creativity in our writing previously. Our new narrative text is called 'Star in the Jar' by Sam Hay and we will, once again, have exciting experience days and super sentence stacking lessons - showing off our ability to link our prior knowledge in our writing by using the SPaG outcomes we learn throughout each unit. We will be exploring the adventures of our main character; Tom, as he goes on an exciting journey.
- We look forward to put our extraordinary imaginations on paper!

As Artists we will:

- Create the design for an invention.
- Continue to develop shading within drawings.
- Experiment with water colours to create unique paintings.

As design and technologists we will:

- Brainstorms ideas for a unique invention.
- Plan a step by step guide to create an invention.
- Follow a planned process to create an invention.
- Review and improve an invention.
- Create and perform a presentation of an invention, describing the features, how it is used and how it was created.

As geographers we will:

- Explore inventions from all around the world.
- Think about how these inventions have effected the environment in different countries.

As historians we will:

- Research famous inventors that changed history.
- Understand how inventions have changed over time.

As scientists we will:

- Notice that some forces need contact between two objects (push and pull).
- Compare how things move (faster and slower) on different types of surfaces (rough, smooth).
- Carry out tests to identify how things slide on different surfaces.
- Describe magnets and group everyday materials into magnetic and non-magnetic materials.
- Investigate how magnets attract or repel each other.
- Recognise that a magnetic force can act at a distance and also through different materials.

HPL—As high performance learners we will:



High
Performance
Learning



We will connect our prior learning from Year 2 on forces, developing our knowledge of friction and magnets.

Take ownership of our learning by deciding what our invention is and how to create it. We will do this even when it becomes difficult or time consuming.



Communicate our learning effectively, asking questions to further our understanding of inventions from around the world.



As readers we will:

Use the Reading Rainbow **FANTASTICS** to:

- Explore and discuss the main ideas in a text.
- Consider senses to understand a text further.

Use the Reading Rainbow **ANALYTICS** to:

- Show an understanding of a text.
- Consider specific details of a text, such as setting, characters and themes.

Use the Reading Rainbow **STYLISTICS** to:

- Show confidence analysing and discussing the deeper meanings of a text.
- Infer why a character might feel a certain way.
- Sharing opinions based on evidence from the text.

As mathematicians we will :

- Compare multiplication and division statements.
- Multiply and divide 2 digit numbers by a 1 digit number.
- Solve problems using multiplication and division.
- Identify pounds and pence.
- Convert between pounds and pence.
- Add and subtract amounts of money.
- Solve problems involving money.
- Understand how to read pictograms and solve problems involving pictograms.
- Solve problems involving bar charts and tables.

As users of technology we will:

- Explore events and actions in programming.
- Create algorithms and programs using a range of events to trigger action.

As citizens' of the UAE we will:

- Understand how inventions have played an important role in the development of UAE.
- Use our mapping skills to locate Arab countries of Africa.

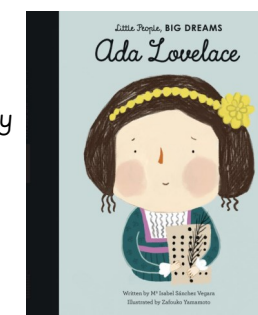
This half-term we will become inventors. We will be exploring inventions from all around the world that have changed the way in which people live. Exploring different inventions will give us our very own ideas and spark our curiosity.

Following a strategic process, we will create our own invention step by step. By planning, designing and creating our own invention, it will be unique and creative! We will also create a presentation for our invention, which will allow us to practice our speaking and listening skills.

As writers we will focus on a narrative unit called 'Star in the Jar', by engaging in some exciting experience days and sentence stacking lessons.

Our text for guided reading this term will be 'Ada Lovelace' which is all about a very important historical figure, a girl who created an important invention for the world.

In Maths, we will continue with multiplication and division and then move on to the topic of money. We will be finishing the term with statistics.



In this topic we want to find out:

- Who are the famous inventors around the world?
- How to make an invention? What are the materials required to invent something?
- What were the very first inventions?
- Why do people invent? Do I have to be a scientist to be able to invent?



GFS Curriculum Drivers linked to the National Agenda



Enterprise and Innovation

As enterprising children we will be designing our own invention that is unique and creative.

Eco and Environment

As people concerned with the environment we will discuss inventions that are eco friendly.

Inclusive Communities

As members of a community we will understand how different inventions have benefited the country.

Opportunities for Enrichment

School

- We will be creating our own invention by planning, designing, creating and presenting it. This will be displayed in a virtual exhibition.

Home

- Why not visit Oli Oli to see forces in action or even try some force and magnet experiments at home?