

Term 4 Overview

Sam Richards year 3/4

STEM and Technologies

This term the Student STEM Challenge “*What activities or games could be developed, that would have provided entertainment for a child on the first fleet?*” will be a strong focus of learning and will therefore be integrated across many areas of the curriculum. By the end of the term, students working in their STEM teams, will have designed and made a game or activity. In week 8 of the term students will invite other students to participate in their games or activities. This will give the students the opportunity to evaluate their own games or activities and also get feedback from other students.

Students will use digital technologies, in the form of an Excel spreadsheet, to produce different types of graphs.

Maths

Students will continue to develop their understanding of fractions. Students have been working with set models of fractions, learning how to create equal groups and represent these groupings as fractional amounts. This term students will be focusing on area and length representations of fractions. Through a range of investigations and problem solving tasks students will be challenged to use a range of reasoning skills, to compare and order fractions and develop an understanding of equivalent fractions. Students learning will be supported by allowing them the opportunity to work collaboratively and encouraging students to share and explain their thinking with their peers.

Students will also complete investigations using 2 dimensional shapes. These will allow them to apply their understanding of fractions and area in a different context.

The year fours will continue to develop their understanding of decimals and make connections between decimal and fractional numbers.

Throughout the term students will practice converting between analog and digital time as well as 24 hour time. Students will also make their own calendars.

As part of their STEM challenge students will be using digital media to collate data and create different types of graphs on excel. Students will also complete different investigation to explore chance and probability of different events and outcomes.

English

Spelling and Grammar

Students will continue to complete fortnightly spelling tasks, focusing on the correct spelling of words, understanding their meaning, how to use prefixes and suffixes to build new words and how the words can be used in sentences. Students will learn different grammar conventions specific to the text types they are writing as well as how to write effective sentences for different text genres.

Reading

Each week students will continue to be part of a guided reading program. Students will read a variety of nonfiction text closely linked with their learning in HASS and a variety of different fiction texts. There will be a strong emphasis on students being able to retell what they have read and asking questions that require making inferences from the text.

Writing

Students will be given more opportunities to create their own narratives using the brainstorming and planning strategies used in term 3.

Students will also write their own new paper articles. This will be achieved by teacher modelling and whole class joint construction to help students develop understanding of the grammatical and structural components of a new paper report. Students will then independently produce their own report.

During the term students will also use different forms of media to create an advert promoting their STEM games and will write a procedural text explaining how their game is played.

HASS

Geography

Through the students STEM task, they will continue to investigate the impact of different materials on our environment. Students will compare renewable and non-renewable resources and understand what makes materials, and different practices sustainable or unsustainable. Students will have to apply this learning when making decisions about their final design.

History

At the start of the term students will take part in an "Australian Museum of Childhood" incursion. The incursion will give students the opportunity to learn about and have hands on experiences playing with toys from the 1800's through to today. This will allow students to gain an appreciation of how toys have changed and help them to come up with ideas for their own STEM project.

Arts

In preparation for the end of term students will be learning a dance to perform at the end of year concert.

Student will combine the different elements of visual art they have learnt to produce a piece of art work to reflect the difference between England and Australia in the early late 1800's.