Senior School Curriculum Newsletter Unit 6

Heany Park PRIMARY SCHOOL

Wednesday 6th November

Dates:

4 Nov: MELBOURNE CUP HOLIDAY

5 Nov: Count Us In: 12.10pm

15 Nov: School Assembly

18 Nov: Science Works Excursion

26 Nov: Parent & Volunteers Morning Tea

29 Nov: School Assembly

6 Dec: Whole School House Athletics

9 – 16 Dec: Year 5 Bike Education Program

11 Dec: HPPS Christmas Concert

13 Dec: School Assembly

19 Dec: Grade Parties

20 Dec: 9.00am

Final Assembly

20 Dec: Last Day of the Year **1.30pm (Dismissal)**

Transdisciplinary Theme

How the World Works

An inquiry into the natural world and its laws; the interaction between the natural world (physical and biological) and human societies; how humans use their understanding of scientific principles; the impact of scientific and technological advances on society and the environment.

Central Idea
Earth is a unique planet within a complex solar system.

Key Concepts:
Form, Function, Causation

An inquiry into:

- Earths place in the solar system
- The attributes of Earths that sustain life.
- The possibility of life on other planets
- Earth rotation on its axis

Learner Profile: Inquirer

Approaches to Learning:
During this unit, we will be working on developing the following skills:
Research Skills:Formulating Questions
Thinking Skills: Appplication and Anaylsis
Communication Skills: Viewing
Self-Management: Spatial Awareness

Summative Task: By the end of the unit, Senior students will be able to identify and explain why the characteristics of Earth make it a unique planet within our solar system.

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Learner Profile

The aim of all IB programmes is to develop internationally minded people who, recognising their common humanity and shared guardianship of the planet, help to create a better and more peaceful world.

IB learners are:

Inquirers

Knowledgeable

Thinkers

Communicators

Principled

Open-minded

Caring

Risk-takers

Balanced

Reflective

Literacy

During Reading, senior students will be focusing on: Thinking about the text with an emphasis on the skills of critiquing and analyzing.
Students will:

- Engage in critical thinking across an author's body of work
- Notice and discuss the meaning of symbolism when used by a writer to create complex texts
- Analyze how the writer has combined language, illustration and layout as a unified whole to set mood
- Notice and provide examples of the ways writers select words to convey precise meaning
- Notice how the author reveals the underlying messages or the theme of a text through a character, through plot and events
- Analyze texts to determine the writer's point of view or bias, identifying specific language that reveals bias

During Writing, students will be concentrating on Narrative texts, including narrative poetry. Students will consider the seven traits of Author's craft.

The seven traits of author's craft include:

1. **Ideas**: main message, content, main theme, interesting details, show don't tell
2. **Voice**: the writer coming through the words, personality behind the words
3. **Organization**: structure, sequence, logical connections, begins meaningfully and ends with a satisfying closure
4. **Word choice**: use of rich, colorful precise language that communicates in a way the enlightens the reader
5. **Sentences**: fluency, rhythm, movement
6. **Conventions**: mechanical correctness of the piece that includes the five elements of; spelling , punctuation, capitalization, grammar and paragraphing
7. **Presentation**: putting effort into and taking pride in how the text looks

The purpose of narrative writing is to entertain readers by telling a series of events with a problem and a solution. Students will focus on structure orientation, complications and solutions to problems, sizzling starts, nouns followed by pro-nouns (cohesiveness) and exploring different forms of figurative language.
The SMART Spelling program will focus on the vowel suffix –ible, the digraph sc, the prefix un and homophones.

Numeracy

For the last unit of inquiry, senior students will be focusing on two main areas. These include Volume and Capacity and the Representation of Data.
During Volume and Capacity students will:

- Identify and use the correct operations when converting between common metric units of capacity, e.g. millilitres, litres, kilolitres, and mega litres
- Connect volume and capacity and the units of measure, e.g. a cubic centimetre is 1 millilitre and a litre is 1000 cubic centimetres
- Solve problems involving different units of capacity
- Create and solve authentic problems involving measuring capacity and volume using appropriate

During Representation of Data students will:

- Construct displays, including column graphs, dot plots and tables, appropriate for data type
- Describe and interpret different data sets in context
- Construct, interpret and compare a range of data displays, including side-by-side column graphs for two categorical variables