"Success for Every Child"

Y3 Unit Overview - This document is designed to inform you of the learning planned for your child's next unit of inquiry. In addition we offer you some optional ideas for supporting your child at home.

How We Express Ourselves

In the second unit the year 3 students will be inquiring into the central idea **"Artists can use scientific principles to create."** During this unit they will explore the concepts of ***function***, ***connection*** *and* ***causation*** and the related concepts of *light* and *creativity*. To facilitate learning, the children will be taught to use the **Communication Skills** through the learner profile of being ***Knowledgeable*** from the perspective of a scientist.

The children will begin their learning by being introduced to light as we understand them in scientific terms. They will be taught how light works by experimenting with how light travels using different objects in their environment.

In the second phase of their learning the children will take this knowledge and look for ways to apply it practically and creatively. They will experience the art of various artists from around the world and from different eras, noticing how those people used light and sound to create art.

Ultimately, the children will create their own art. They will be free to use their prior knowledge of light as they wish, the provision being that they can now explain how and why they varied light in a way to express themselves.

You may wish to support your child at home in the following ways:

KEY VOCABULARY

Key vocabulary for this unit will be:

Light, sound, creative, creativity, wave, energy, wavelength, brightness, colour, pitch, energy, dampening, sound-proofing, translucent, transparent, opaque, reflect, bounce, absorb, absorption, art, creative, express

Please consider using your Mother Tongue to develop your child's understanding of these words.

CONCEPTUAL QUESTIONS

Function: How do the scientific principles of light work?

Connection: How is light connected to media to create artistic expression?

Causation: Why do we apply scientific principles to create?

FUN THINGS TO DO

Visit the Hong Kong Science Museum and the Hong Kong Museum of Art on the same day; get rational, critical and appreciative all in one go

ACTION

Action is a key element of the Primary Years Programme. We are always looking to see how children can take their learning and apply their understanding independently.

Can you be creative? Is there a place you could set up an exhibition of your creativity? Your living room, the lobby of your apartment block? Read the book Dot for inspiration. **Any action that you tell us about will be kept as part of your child's records.**

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