



Miles Franklin Primary School

Year 5 How We Express Ourselves

Central Idea: Algorithms can support and extend creativity.

An inquiry into:

- How mathematical concepts are expressed (*Function*)
- How the elements of story are used to express culture (*Connection/Perspective*)

Unit Description:

During this unit, students will inquire into how people's beliefs, values and culture may shape the ways in which they express themselves. In **Numeracy**, we will inquire into algorithms and how the four operations require different processes. This may empower students with valuable knowledge when attempting to solve a variety of maths problems. The focus will include using estimation to check the reasonableness of answers, identifying factors and multiples of given numbers and working towards conceptual understanding of written equations in multiplication and division.

We will explore various media art throughout time and compare it to modern day. Students will reflect on their interpretations of media arts and unpack how it displays culture. Students will use their new knowledge of media arts to create a class art work that reflects their understanding of their class's culture.

In **Literacy** we will learn about writing narratives. Students will plan and write a choose your own adventure story to develop their communication skills. This will include a technical aspect where the students will create a platform with links to direct the reader through different choices in their stories. The students will also create media artworks to illustrate their stories.

Big Idea: Process

Unit Duration: 7 Weeks starting in Week 1, Term 1

Curriculum Links: During this unit we will explore the Australian Curriculum areas of Media Arts, English, Maths, Design & Technology

Things you can do at home to support our unit of inquiry:

- Explore mathematical problems with your child, discussing the language and strategies to solve with a focus on estimating their answers before recording each step of their working out.
- Notice examples of mathematical language in the real world and find out how mathematical concepts are connected to real life situations.
- Practise times tables up to the 12 times tables.
- Share your own experiences and passions in the area of media arts.
- Discuss how cultural identity can be expressed through arts and literature and explore connections to your own culture/s.

Specialists:

During term 1 Art students will focus on dance. Students will focus on the elements of dance such as space and time. Students will begin by creating shapes and experiment with concepts, such as orientation, size, dimension, plane, volume and pathway. This unit will connect mathematical concepts and understanding with dance.

In PE during Semester 1 students will be applying their movement skills to new situations and applying effort, space, time and people to movement sequences (putting it all together to play modified sports). They will also investigate the role of rules and teamwork in fair play.

In a unit of inquiry into Sharing the Planet, Year 5 will focus on where we live locally, nationally and internationally looking at maps and using directions and positional language using French language where possible.

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