We use YuMi Deadly Maths to teach mathematics...

YuMi Deadly Maths means ‘you and me, learning maths together’ and is about teaching and learning maths using students realities.

The RAMR framework helps us to plan activities that teach maths skills using students realities and includes activities that use the body, hand, mind and concrete materials, which helps students to understand abstract mathematical concepts and make connections to mathematics and their real world.

What the 3/4 POD have been doing in Mathematics and how we use the R.A.M.R framework:

Our topic in term 1 was Australia, so we decided to use maps of Australia to teach mapping and location skills.

REALITY (R): students created maps of Australia to learn mapping and location skills. Their maps included the states, territories and capital cities, the oceans and seas, a title, compass, gridlines, coordinates, a legend of famous landmarks. Students also looked at maps of countries in atlases, and maps of local areas in street directories. The students really enjoyed creating their maps of Australia, and are very proud of their efforts and presentation.
**Abstraction (A):** Students use the body, hand and mind to help develop an understanding of mathematics. We used the pavers outside and maths mats to teach coordinates. The students had to stand on given coordinates, and read coordinates where other students were standing. We used skipping ropes to help us follow the path of the coordinates.

Students also played direction games to help them learn directional language. For example, the compass directions were put in each corner of the room. The teacher would call out the direction and the students would run to that direction.

We also played games of ‘Go Go Stop’ using a maths mat. This helps students learn directional language of left, right, forwards, backwards and diagonal.

Students also used compasses to find north from different areas of the school ground to help them to understand how compass points work.
Mathematics (M): The students completed worksheets on compass points and direction, coordinates and legends to help reinforce these concepts.

Reflection (R): Students listed the maths skills they had learnt on the backs of their maps of Australia. They had to use this list as a checklist to ensure they had included all the necessary maths skills on their maps.

Parents of students in 4A, 4B 4/3/4C are invited to our Learning Expo Afternoon Tea on Thursday 26th March after the Hat Parade, to see our maps.

If you would like to know more about YuMi Maths, or have any questions about how mathematics is being taught at Sunshine Harvester, please come and see me or one of the team.

This edition published by:
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