

TECHNOLOGIES with Matt

During term 1, year 5 students will build on their existing knowledge of digital systems by learning about networks, the internet, smart devices, machine learning, AI and sensors.

Networks

Students will learn what a network is and how digital systems can use them to transfer data. They will learn what the internet is and how digital systems can connect to networks via wired and wireless connections.

Systems thinking

Students learn that small wireless devices contain many of the same components as other digital systems and often include additional sensor as inputs.

Smart devices

What makes a device smart? Students will investigate "smart" devices and how their functionality is increased with an internet connection.

Machine learning, AI and sensors

How does machine learning and AI contribute to smart systems? Students experiment with machine learning applications and how they address sensor data. They will also be coding simple algorithms that respond to motion sensing.

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Year 5 Specialists Team Overview 2024

- Embrace challenge
- Set and achieve goals
- Persevere
- Make progress
- Grow from mistakes
- Be responsible

PHYSICAL EDUCATION with Joe

The Health and Physical Education program delivers 2 lessons a week for each Year 5 class.

In term 1, the HPE program is designed to support a successful start for our senior students and is focused on building a positive and safe team environment. This is achieved through centering our approach during the first few weeks around group cooperative games and various socialising activities. Our emphasis will then take on a Game Sense approach which will allow for skill development and refinement, as well as utilising learnt skills in game like situations. This term, our sporting focus will be *Net and Wall Games* (Tennis and Badminton). This term, students will also be undertaking fitness testing (The Beep Test) as a base starting point to then try to improve throughout the year with a focus on effort and goal setting.

I look forward to working with your child/ren this year and continuing to build safe and positive relationships with them during HPE lessons. If you would like to contact me regarding your child's learning or have any questions, please feel free to contact me via email on Joe.Kisiel522@schools.sa.edu.au

PERFORMING ARTS with Anna

DRAMA

This term we have a strong focus on Drama and using creating thinking to create roles plays for an audience. We will be using our Harmony Day theme as a basis for our some of work as this is a school event this term.

- Explore links between imagination and organisation through role play and scripted drama.
- Create plays in collaboration with their peers and perform them using props and costuming to convey ideas.
- Experiment with ideas and emotions in drama activities and games to show their understanding of how to represent a character.
- Use improvisation as a tool to build confidence and understanding of drama and how we use it through theatre games and short skits.
- Work collaboratively to produce a Harmony Day performance.

ITALIANO with Maestra Selina

During term 1, we will be focusing on language and culture in the units... **Sono una stella** (I am a star) and **Pasqua** (Easter).

Students will:

- Ask and respond to questions giving information about themselves and family
- Interact in class routines and activities using Italian language
- Apply strategies to interpret and compose texts
- Apply knowledge of sound combinations, pronunciation and intonation patterns to develop fluency when reading, speaking and writing
- Explore cultural celebration and language of Easter in Italy