



MOUNT SINAI COLLEGE
CREATING LEARNERS FOR LIFE



TECHNOLOGY

INNOVATION WITH PURPOSE

TECHNOLOGY at Mount Sinai College: Innovation with Purpose

Mount Sinai College has always embraced innovation, progress, and forward thinking in order to create meaningful learning experiences for our students.

At Mount Sinai College, technology is used thoughtfully, intentionally, and always in balance. With a 1:1 iPad program, expert-certified teachers and immersive learning experiences, we empower students to develop critical thinking, creativity and adaptability.

We understand that families want their children to learn, create, collaborate and think, not simply spend time on screens. That's why technology at MSC has a clear purpose: to deepen learning, not replace teaching.

Technology is used when it genuinely enhances understanding, creativity or connection, and stepped back when it doesn't.

At MSC, technology has a time and a place.

WHAT TECHNOLOGY LOOKS LIKE AT MSC

We view technology as a powerful learning tool—one that enables experiences not otherwise possible.

At MSC:

- Technology supports active learning, not passive consumption
- Students use technology to create, design, problem-solve and reflect
- Teachers remain at the centre of learning
- Screen time is intentional, purposeful and age-appropriate

Technology is always aligned to:

- The NSW K-6 Curriculum
- Our learning priorities
- Our 6 Kinds of best values
- Key future-focused skills
- The developmental needs of each child
- Digital citizenship





HOW WE ENSURE TECHNOLOGY IS USED WELL

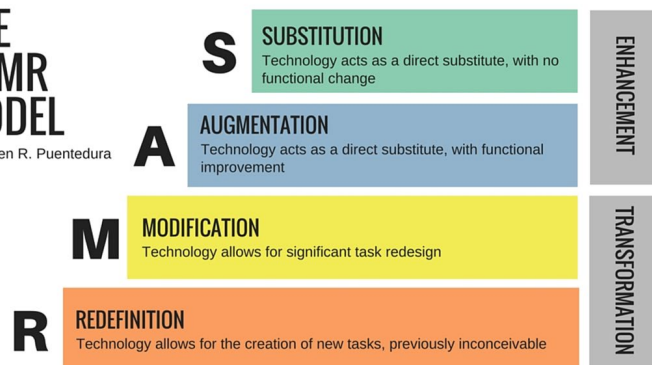
Our teachers are guided by best-practice frameworks and NSW curriculum standards to ensure technology enhances learning rather than distracts from it.

This means technology is:

- Used to deepen thinking
- Carefully planned and reviewed
- Continuously refined based on impact

THE SAMR MODEL

Dr. Ruben R. Puentedura



Digital Citizenship

Digital citizenship is a key focus at Mount Sinai College, equipping students with the skills to navigate the online world safely, respectfully and responsibly. From the early years, students learn to protect personal information, build positive online relationships and stay safe in digital environments. As they progress, this understanding deepens to include managing privacy and consent, recognising unsafe situations and engaging thoughtfully with others online. By the upper years, students are empowered to make informed decisions and take responsibility for their online actions, developing into confident and responsible digital citizens.

A JOURNEY THROUGH THE YEARS

Early Years (K-2)

Technology is used sparingly and purposefully to support early literacy, creativity and collaboration. Screen time is minimised and only used when it adds clear value.

Students develop:

- Early problem-solving and computational thinking
- Digital citizenship and online safety
- Foundational typing and file management skills



Middle Years (Years 3-4)

Students deepen their digital fluency through more purposeful use of technology. They are introduced to video editing, advanced coding, virtual reality and 3D printing. Students collaborate effectively, creating and sharing content while using online tools to locate and manage relevant information.

Upper Years (Years 5-6)

Students apply technology to real-world challenges through coding, robotics, multimedia creation and design thinking—preparing them for high school and beyond.



TECHNOLOGY AS A TOOL FOR CREATION

Year 1 Light & Sound

Students coded Robotics to design a Vivid-inspired light display, combining creativity with early coding skills.



Year 4 Living Things

Students created interactive virtual worlds to demonstrate their understanding of animal life cycles.

Year 6 Hebrew

Our Year 6 students showcase their Hebrew language skills through the MLTA Linguafest Short Film Festival. Working collaboratively, students plan, film, and produce short films in Hebrew, combining language learning with digital storytelling and film production skills.

At Mount Sinai, students don't just consume technology, they create with it

“Our goal is not to teach children about today's technology, but to equip them with the skills and mindset they'll need for the future. We continually review how technology impacts learning to ensure it remains meaningful, balanced and purposeful.”

**Mr Garron Forman,
Acting Principal**



APPLE DISTINGUISHED SCHOOL

Mount Sinai College has been recognised as an **Apple Distinguished School since 2013**, reflecting our commitment to innovation, leadership and excellence in teaching and learning.

Step Inside the Immersive Experience

Scan the QR code to watch our students interview teachers and parents and take you on a behind-the-scenes tour.



David Colville Director of IT and Innovation

“Technology at Mount Sinai College is more than just a tool—it’s a gateway to possibilities that didn’t exist before. It opens doors to deeper collaboration and personalised, meaningful learning. Our approach is to nurture future leaders by fostering resilience, adaptability, and the confidence to embrace failure as part of growth. When we see our students experimenting, problem-solving, and persisting until they succeed, we know we’re equipping them with the mindset they need for the future.”



TECHNOLOGY AT MOUNT SINAI COLLEGE: PARENT FAQ

Do students spend a lot of time on screens?

No. Technology at Mount Sinai College has a clear *time and place*.

Screens are used **only when they add genuine value to learning**. Many lessons are hands-on, discussion-based, creative or outdoors. Technology is intentionally stepped back when it does not enhance understanding or engagement.

Is teaching replaced by technology?

At MSC, teachers are at the heart of learning. Technology supports teaching, not replaces it. Our educators use professional judgement to decide when technology enhances learning and when traditional approaches are more effective.

How is screen time managed in the early years?

In Kindergarten to Year 2, technology is used sparingly and purposefully.

Young children learn best through play, movement, conversation and hands-on experiences. Technology is introduced gradually and only when it supports early literacy, creativity or collaboration. Screen time is minimised unless it clearly benefits learning.



Why introduce technology at all?

Technology allows students to:

- Create, design and problem-solve
- Collaborate and share ideas
- Explore concepts that would otherwise be inaccessible

How do you ensure technology is used responsibly?

Digital Citizenship is explicitly taught at every stage.

Students learn how to:

- Stay safe online
- Protect personal information
- Treat others with respect
- Make informed and responsible choices

These skills grow with students as they move through the school.

Will my child still learn to write, read and think deeply?

Absolutely. Core skills such as reading, writing, numeracy, handwriting and critical thinking remain central to learning at MSC. Technology is used to enhance these skills, not replace them.

How does technology change as students get older?

Technology use increases **gradually and appropriately** as students mature.

Younger students focus on foundational skills and creativity. Older students apply technology to real-world challenges, coding, robotics and multimedia projects, preparing them for high school and beyond.



How do you know your approach is working?

Our technology use is continuously reviewed and refined.

We measure:

- Impact on student learning
- Teacher confidence and practice
- Balance between digital and non-digital learning

This ensures technology remains meaningful, purposeful and aligned with our values.

