

# Welcome to Night of Learning



Supporting parents and students



# Agenda

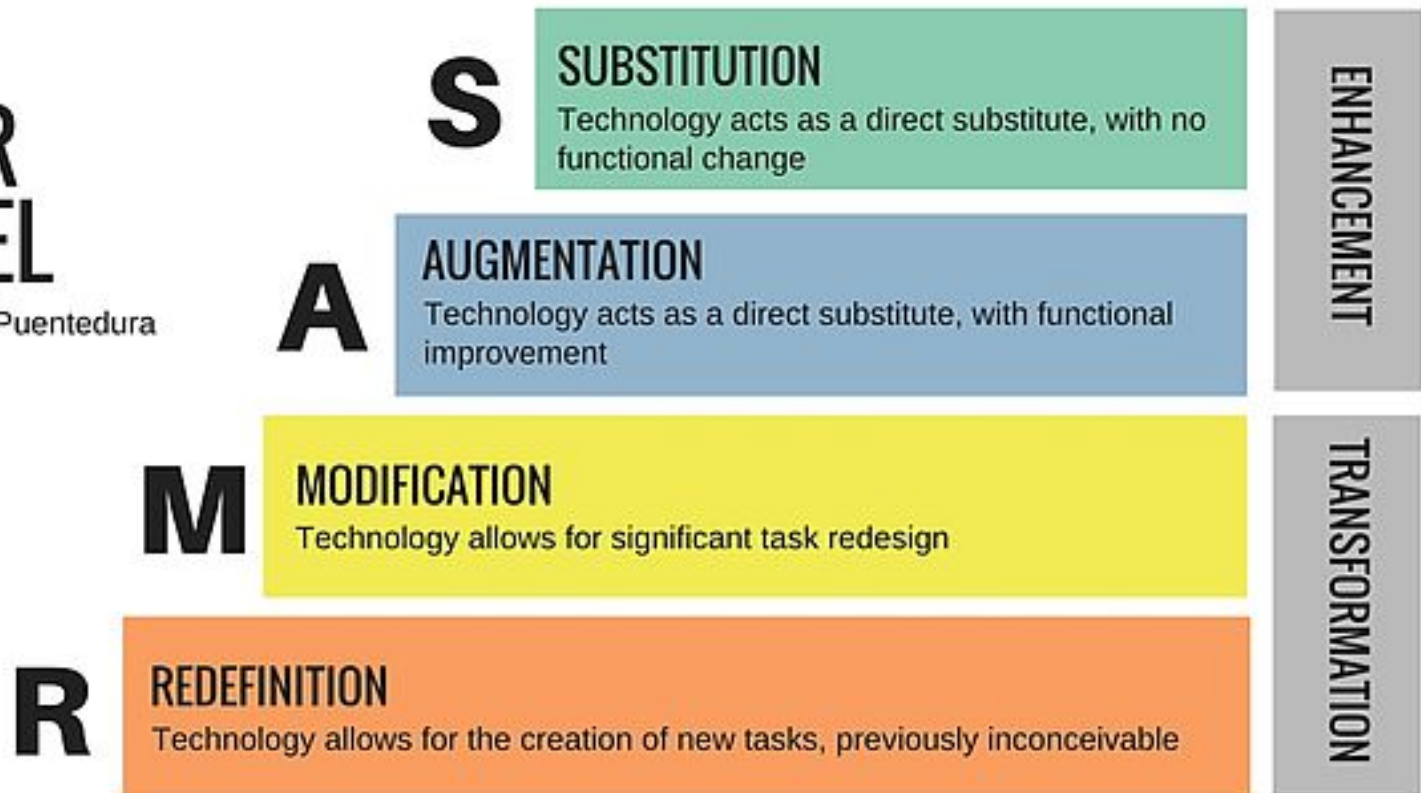
| Time   | Activity   |
|--------|--|
| 6.40pm | Student – led workshop 1 (target your child's grade)                                     |
| 7.05pm | Student – led workshop 2 (target a different grade)                                      |
| 7.30pm | STEM ( <b>Science Technology Engineering Maths</b> ) overview and robotics demonstration |
| 8pm    | Principal presentation – " <i>The Tools and Trials for Parents</i> "                     |



# SAMR Model (Dr Dr. Ruben Puentedura)

## THE SAMR MODEL

Dr. Ruben R. Puentedura



# STEM (Science Technology Engineering Maths)

*"Australia's STEM teachers at all levels, from primary to tertiary, must be equipped to deliver course content with confidence and inspiration, and develop all students to their full potential. Curricula and assessment criteria should prioritise curiosity-driven and problem-based learning of STEM - STEM as it is practised - alongside the subject specific knowledge that STEM requires."*

Professor Ian Chubb, Chief Scientist  
Science, Technology, Engineering and Mathematics:  
Australia's Future

# STEM (Science Technology Engineering Maths)

- **Robotics is one arm of STEM**

- *Robotics and coding is an interactive and engaging way of introducing STEM in to the curriculum and inspiring young people to pursue STEM-related subjects and careers.” (Australian Education Reporter 2017)*
- *Commercial partnership with Saeon Australia and Altino the Robot Car – Drastically reduced resource and training prices – High level robotics curriculum as a “way to robotics”*



# 'The Tools and Trials for Parents'

Providing clarity, understanding and the imperative for clear boundaries

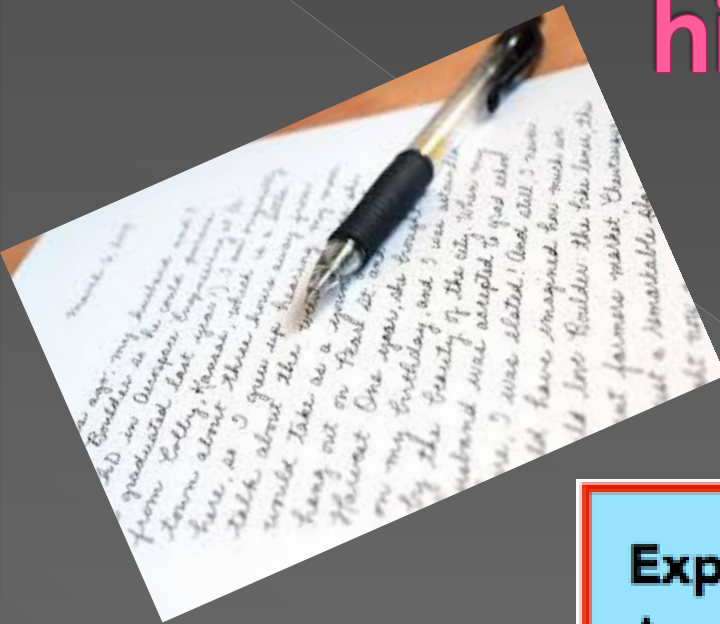


STARTUP  
MYTHS





# 'Some of our important & highly valued learning experiences'



## **Explicit Instruction:**

A systematic method of teaching with emphasis on proceeding in small steps, checking for student understanding, and achieving active and successful participation by all students.



“

Yes, kids love technology, but they also love Legos, scented markers, handstands, books, and mud puddles. It's all about balance.

—K.G., first-grade teacher

”

# Learning with Technology v *Being Distracted by Technology*

**The game  
your kids  
can't stop  
playing**

**JENNIFER DUDLEY-NICHOLSON**

IT'S described as Minecraft meets Hunger Games; a video game called Fortnite Battle Royale that has teens addicted, parents concerned about excessive screen time — and one group trying to ban it. But whatever your point of view, there's no denying the game's popularity.

It allows you to select an avatar that is parachuted onto



# Whole Child Education



Alexandra Thomas, MEd

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# Our Vision for Learning in the 21st Century

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A guide for parents and carers for the use of iPads as learning tools



*BYODD – Bring Your Own Defined Device*

**BYODD Initiative - Student Learning with iPads**

**Our BYODD Initiative**

**Learning & Teaching**

- Introduction
- BYODD Initiative Learning with iPads
- English
- Mathematics
- Science and Technology
- Religious Education
- Creative Arts
- Human Society and Environment
- Development, Health and Physical Education
- Library
- Extra-Curricular

02:45

Ella

After extensive research and our very successful two year pilot program, our school believes we are ready to share our vision for learning for children and their parents at home and at school. The following document provides information to help you see the BYODD initiative which is only



**Our Lady Star of the Sea**  
CATHOLIC SCHOOL TERRIGAL

“The principal goal of education is to create men and women who are capable of doing new things, not simply repeating what other generations have done.” (Piaget)

In order to best prepare students for life in the future they need to learn with the tools of the present.

### **Our Vision for Learning in the 21st Century**

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A guide for parents and carers for the use of iPads as learning tools



*BYODD – Bring Your Own Defined Device*

It's not a case of fully immersing students in technology as the only medium to learn...in fact we seek to do the opposite. Successful schools understand the need to provide balance – but that also means ensuring the tools the tools of today are ready and available as needed.



# How much screen time did my child have today?



How much screen time did my child have today?





# Safety & Parent - School Responsibility

- *Social Media 13+*
- *Strong expectations and limits for screen time*
- *Parent visual access*
- *Non-disclosure of personal information*
- *Balance*
- *Celebrate successes and positive use*



# Homework Balance



Homework – Be interested

- Be in control
- Be flexible
- Set expectations
- Work with your teacher where needed  
(everything is flexible)
- Mutual respect and support

To be continued....

