Digital Technology at Maraetai Beach School

Business as usual

G Suite For Education

Recent additions!

family zone

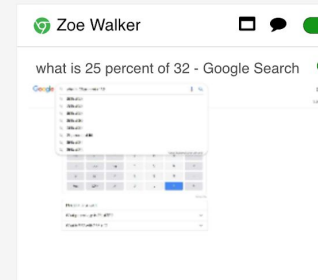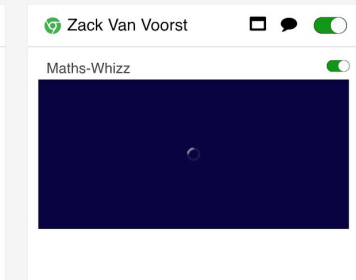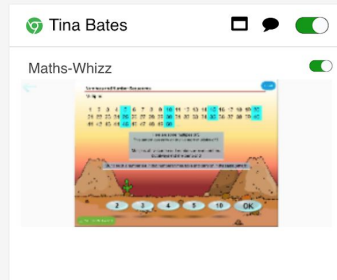Removes adult content for safe searching.

Manage use of social apps and in-app purchasing.

Set routines for what they can access, when – plus give devices sleep times.

Family Zone app and router works across every device, everywhere.

Classroom

Sophia Frazerhurst
Maths-Whizz

Tina Bates
My Drive - Google Drive

G M G A G F

G M G F A W

G M A G F G

G M G F A C G +1

Tina Bates
Maths-Whizz

Tina Bates
Maths-Whizz

Zack Van Voorst
Maths-Whizz

Zoe Walker
what is 25 percent of 32 - Google Search
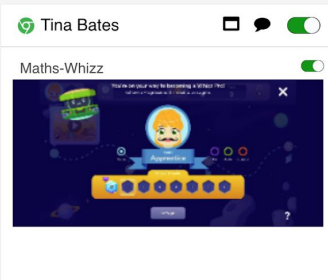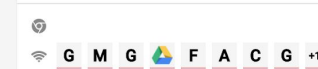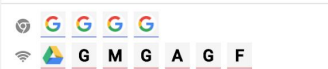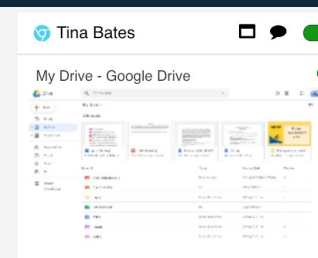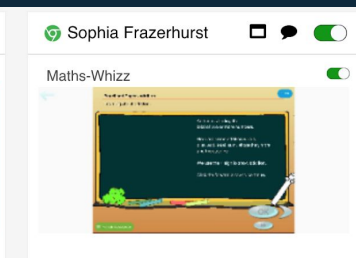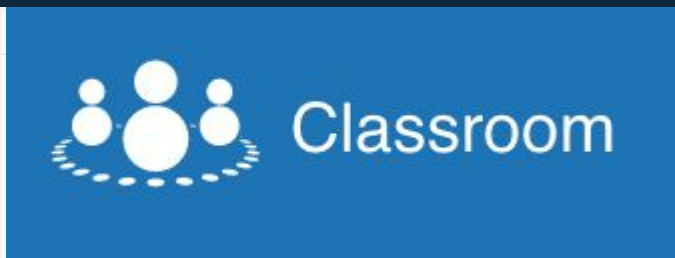
RoboCup and EPro8 Challenge:

- Special club for these events.
- Developing and collecting resources for engineering challenges.
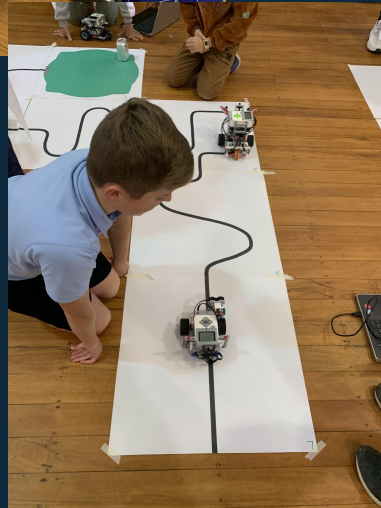
Robotics in the Intermediate- robotics rotation

1. What is code? What types of code are there? Why do we need coders?
   What jobs use computational thinking skills?

https://photos.app.goo.gl/mN4mG8eJnuJWMzby7

Robotics in the Intermediate- robotics rotation

2. What's the problem? Design process to solve a problem with their new found robotics skills.

Market day website and tv studio

Special Events for Robotics
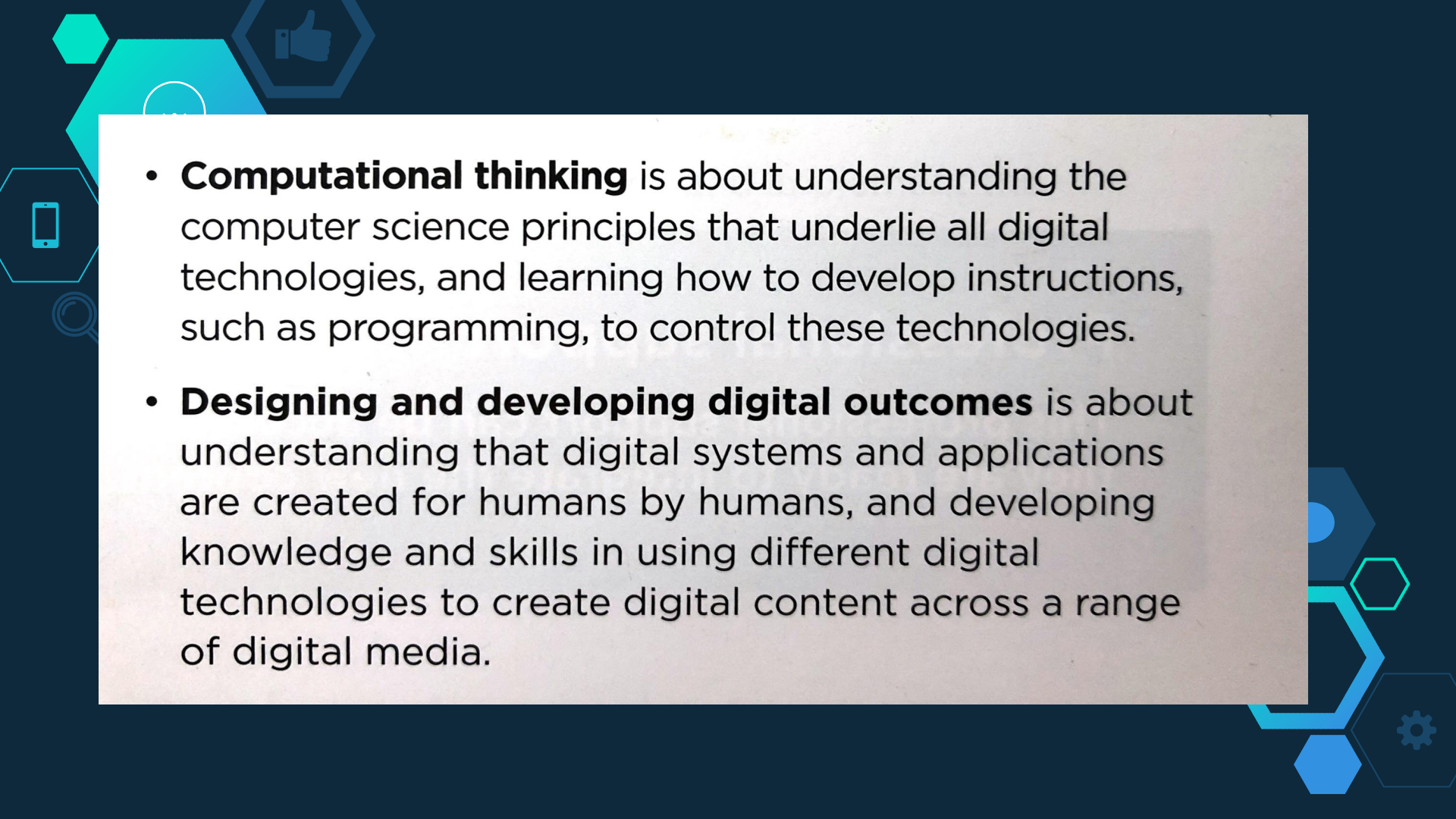
- She Can Code
- Robotics showcase intermediate students showcasing the robotics in our school to our younger students.
- Tuakana Teina buddy time learning
- Coding Club

Digital Technologies in the NZ Curriculum
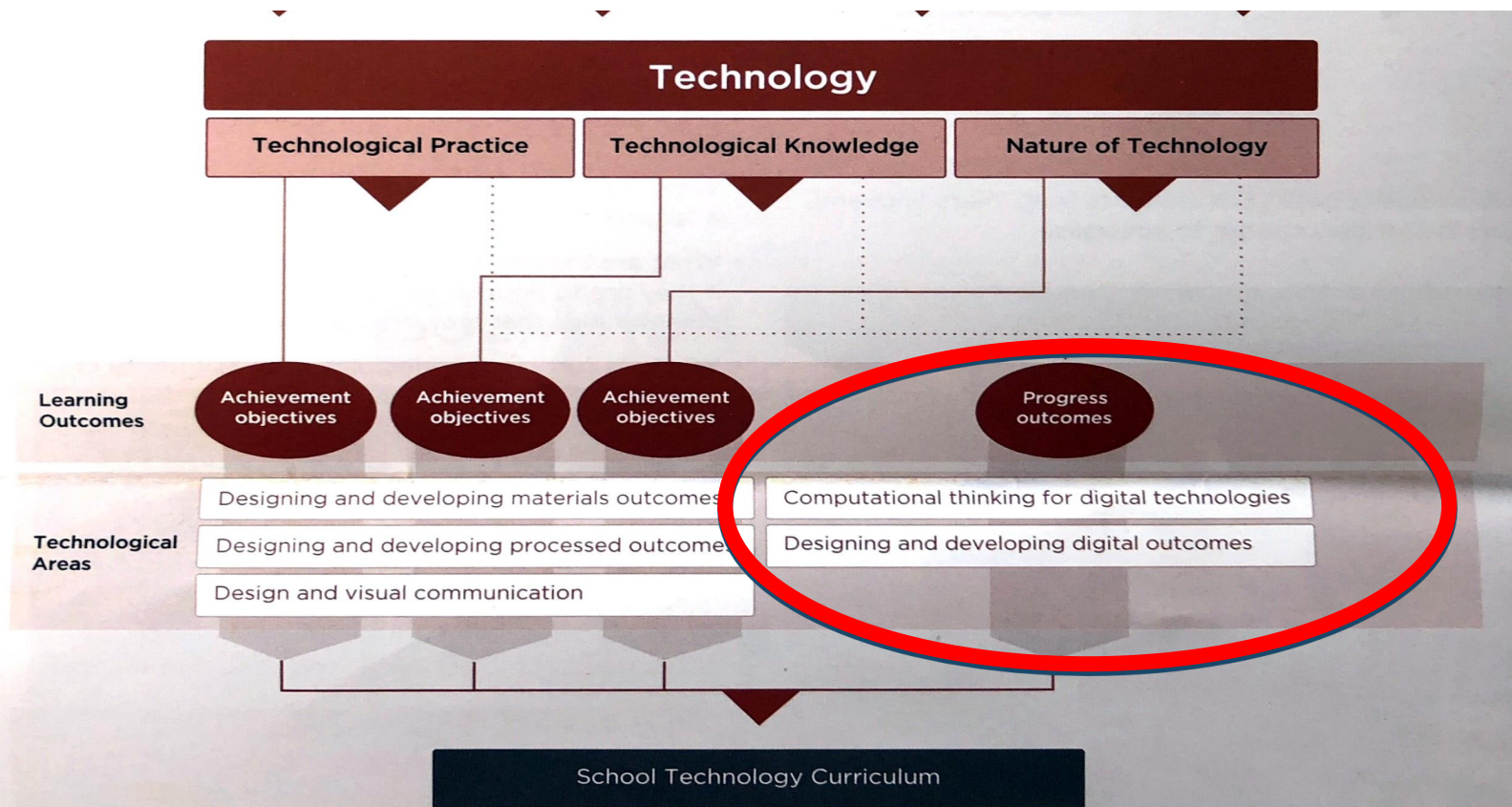
- **Computational thinking** is about understanding the computer science principles that underlie all digital technologies, and learning how to develop instructions, such as programming, to control these technologies.

- **Designing and developing digital outcomes** is about understanding that digital systems and applications are created for humans by humans, and developing knowledge and skills in using different digital technologies to create digital content across a range of digital media.

Are we ready?

	I'm a creative user of technology DF1 Make it!	I'm a responsible digital citizen DF2 Protect it!	I'm an online collaborator and communicator DF3 Share it!	I'm a computer programmer DF4 Programme it!	I'm a researcher DF5 Find it!	I'm a data producer DF6 Use it!
Key digital fluency:	Using a variety of apps and sites to publish learning	Being safe online and understanding how the internet works	Working collaboratively and sharing learning	Coding and creating	Locating and storing information and graphics from the internet	Collecting and representing data
Global Learning Intention	WALT display our learning in innovative ways.	WALT keep safe online and be a responsible digital citizen.	WALT share our learning with others and communicate online	WALT to programme computers	WALT to select relevant and trustworthy information WALT locate and save images	WALT use digital technology to present our data and information
Years 0-2	Book Creator Puppet Pals Stop Motion	Hector's World episodes 1-5 Years 0-2	Sending an email Student story on Class Dojo	Daisy the Dinosaur Scratch jr Hopscotch	Brainpop Fact Monster Kiddle	Doodle Buddy Google Slides PicCollage
Years 3-4	+ GSfE Prezi BookTrack Green Screen	Hector's World episodes 1-5 Years 3-4	+ Peer and parent sharing on GSfE Sending emails	+ Scratch Move the Turtle	+ Google	+ Google Forms Epic Decide
Years 5-8	+ Creating a Podcast Explain Everything Creating a Kahoot quiz iMovie TinkerCad	Hector's World episodes 1-5 Years 5-6 "Google Online Safety Roadshow" Videos & resources	+ Blog posts Podcasting Sites and Wikis	+ Cargo Bot Lightbot Codecombat Code Academy Appshed	+ Referencing Sources Academic integrity - plagiarism	+ Socrative Verso Google Sheets Survey Monkey

Maraetai Beach School

MBS Digital Fluencies Overview 2020

To now

Incorporating the 2 new strands

	Responsible and Collaborative Practice			Digital Technology in the NZ Curriculum	
Maraetai Beach School PEOPLE · POTENTIAL · PLANET	I'm a responsible digital citizen **DF 1 Protect it**	I'm an online researcher **DF 2 Find it**	I'm an online collaborator and communicator **DF 3 Share it**	I'm computational thinker (CT) **DF4 Program it**	I'm a digital creator (3DO) **DF5 Design it**
Key digital fluency:	Being safe online and understanding how the internet works	Locating and storing information and graphics from the internet	Working collaboratively and sharing learning	Developing computational thinking (CT)	Designing and developing digital outcomes (3DO)
Global Learning Intention:	WALT keep safe online and be a responsible digital citizen.	WALT select relevant and trustworthy information and images WALT reference our sources	WALT share and communicate our learning with others online	WALT create, follow and debug simple algorithms	WALT solve problems using digital technology WALT create digital work
Years 0-1	Make own digital citizen licence Hector's World Zippep's Astro Circus app	Image web search with voice dictation Voice activated.	Seesaw (teacher modelled/supported or whole class)	Step by step instructions Scratch Jr coding cards (non-computerised)	Doodle buddy Chatterkids
	Key skills: Taking Photos and videos, navigating between apps, storing and charging ipads, voice dictation, searching for images using voice dictation				
Year 2	Hector's World episodes 1-5 Zippep's Astro Circus app	+ Pic kids web search	+ Seesaw	+ Osmo Scratch Junior Daisy the Dinosaur CodeSpark Academy	+ Puppet Pals Pic Ed Book Creator
	Key skills: + Scanning QR codes, finding and saving images, upload saved images into Pic kids or Seesaw				
Years 3-4	Cyber Safety Agreement How to work collaboratively with others and be respectful of the digital work of others	+ Google Search Image search and save	+ Share function on GSuite with Peers/ Teacher/Parents Google Mail Scanning QR codes	+ Blockly Games Edison Robots Hopscotch Kodable	+ GSuite Canva Using Padlet Using Kahoot Greenscreen Design a BOT Stop Motion Studio Book Creator
	Key skills: + Logging into Chrome, putting work into Drive folders, sharing work with others, simple document formatting (alignment, font choice and size, selecting text, highlighting text etc)				
Years 5-6	Cyber safety agreement "Kawa of Care" Interland	+ Explain Everything Show Me Interactive Whiteboard Bamboo Paper	Creating QR Codes Google Site "Toku Ara"	Scratch Code.org Sphero Drones Swift Playgounds	Creating Kahoots Creating Padlets iMovie Booktrack Prezi Virtual/Augmented Reality Flipgrid Answer Garden
	Key skills: + Adding photos and videos to Green Screen, adding work to Toku Ara website, hyperlinks				
Years 7-8	Google "Safety Roadshow" Videos and resources. Cyber Safety agreement	+ Reference - cite sources Plagiarism - copyright Survey Monkey	+ Google Sites for presenting work	+ Lego EV3 Mindstorm Codecombat MakeyMakey Lightbot Make Code	+ Garageband Socrative Google sites Apple Productivity Apps (Pages/Keynotes/Numbers)
	Key skills: + Creating Google Sites				

Continuing the mahi…

- PLD with staff

- Liz Whittaker working with teachers and classes to provide support and learning opportunities in her role as Across School Kāhui Ako Leader

- Integrating Digital Technology into each planning period

- Year 7/8 Robotics programme continuing