Innovation at Glenwood High School

Noelene Callaghan

twitter @ncallaghan1 - facebook /callaghannoelene

instagram @mzcallaghan - web www.noelenecallaghan.com

Glenwood High School

- Established in 2005
- Over 1,500 students
- Over 100 staff
- Located in North-West Sydney
- 2% indigenous enrolments
- 54% Language background other than English
- PBL (Positive Behaviour for Learning) School
- Dedicated Support Unit (30 students)

Determination for Innovation

- Needed to support BYOD implementation

- Wanted more than a makerspace

- For teachers, students and local community

- Different to a traditional computer lab/room

- Introduce new and innovative technologies to school

School's Strategic Direction

- Collaborative leadership and community engagement to foster dynamic connections between teachers, students, parents and the local community.

- Leading to a learning environment of educational excellence that maintains a culture of innovation that is responsive to local and global contexts.

- Parents become active participants in school communication, becoming empowered to support their child's learning.

- Engagement with the wider community to foster and support student engagement with school to work pathways.

STRATEGIC DIRECTION 3

CONNECTED LEADERSHIP

Collaborative school leadership and community engagement, building a culture of high expectations and sustained whole school improvement

GHS Intranet

- Multi-platform school
- Need to simplify digital access for:
    - Teachers
    - Students
    - Parents
- 'One-click' process
- Part of BYOD Commissioning process
- Increase the efficiency of students during class
- Continuously updated

iCentre

- Dedicated digital space for teachers and students
- 21st Century Learning
- It is an authentic learning space
- Used to support a range of teaching subjects:
  - STEM
  - Broadcast and Media Studies
  - LOTE
  - English
- Versatile and flexible
- Open every recess and lunch to students (as well as after school)
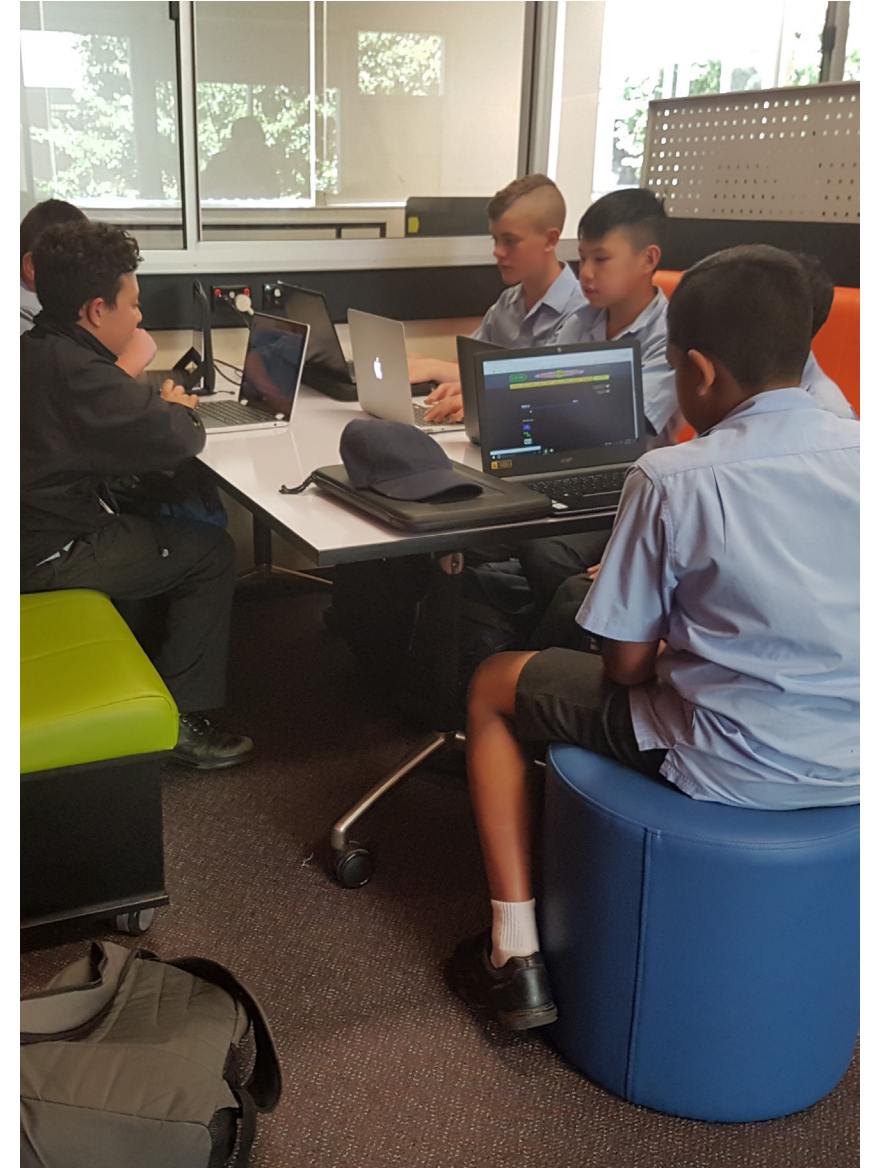
Film, TV, Radio & Social Media

- Subject created to support whole-school promotions

- Based on the Stage 5 NSW ICT syllabus

- Learn about the theory of social media, film, television, radio, communications and broadcast

- Students are responsible for creating all assets for our social media as well as filming all school-based events

- Record Glenwood News daily (read all of our daily announcements) - this is uploaded to Facebook and YouTube

- This subject promotes a mentor program where students are responsible for training each other

- Students enrolled in this subject are engaged and love feeling that they are contributing to the school

- The school (staff and students) embrace these students

Minecraft Education

- Participated in the [2017 NSW DoE Pilot Program](#)

- Curriculum and Club

- Issued over 200 licenses

- Yr 10 Geography – Urbanisation

- Club meets weekly

- Students play every day (recess and lunch)

- Minecraft Education Holiday Camp
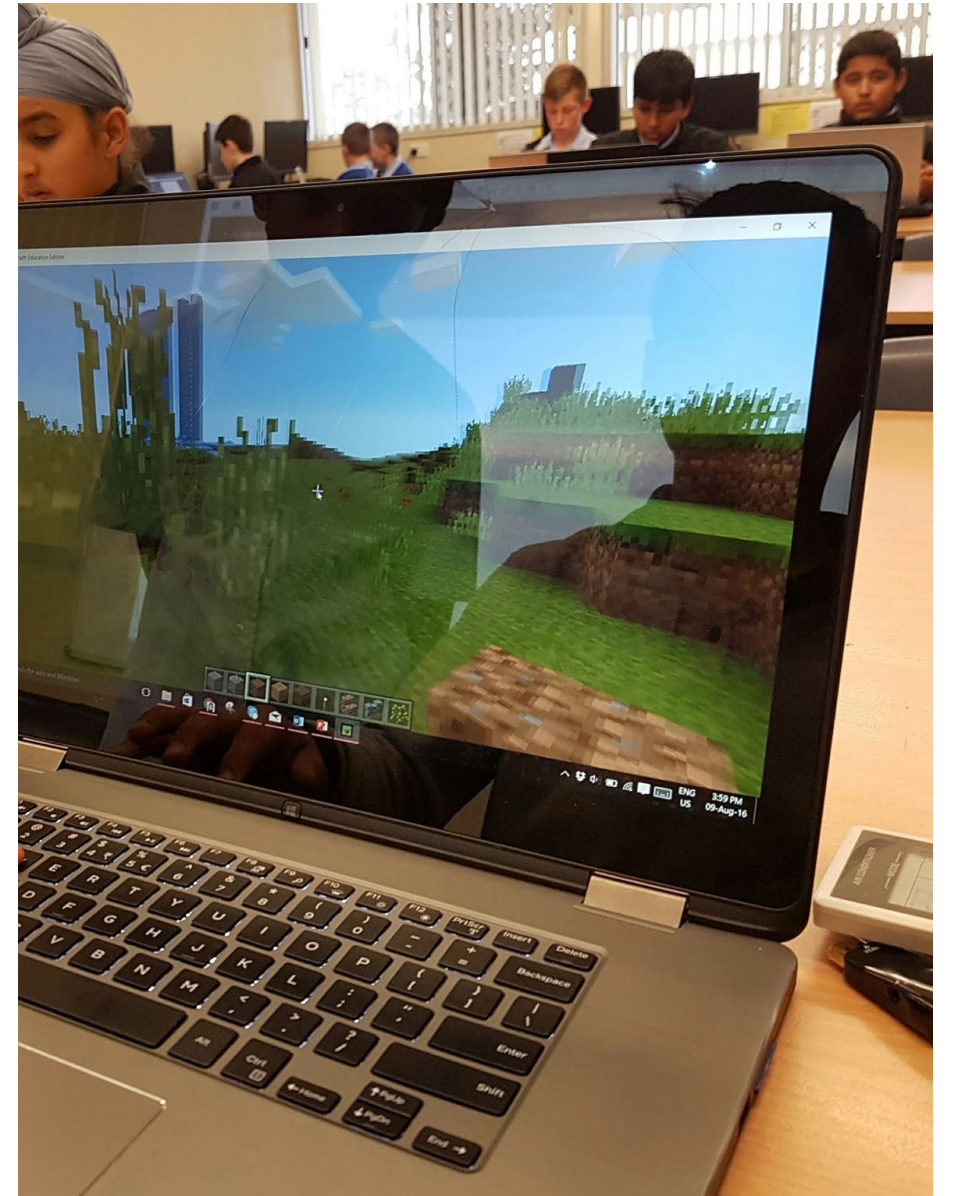
STEM

- Introduced to year 7 and year 9 in 2018
- Project Based Learning
- Uses a variety of learning resources
- Girls program

Training, Clubs and Resources

Training	Clubs	Resources
• Internal Teacher Training • Team Teaching • Parent Training • Feeder School Teacher Training • Teacher Professional Learning (via myPL) • Tech Ninjas	• Minecraft Club • 3D Printing • Dungeons and Dragons • Robotics Club • Makers Club • Anime Club	• 3D Printers • Robots • Google Cardboards • VR Headsets • Makey Makeys • Hummingbird • Audino • Minecraft Education

Contact Information

Noelene Callaghan

noelene.callaghan1@det.nsw.edu.au

@ncallaghan1 (twitter)

Glenwood High School

Forman Ave, Glenwood NSW

02 9629 9577