

DIFFERENTIATED TEACHING & LEARNING
THROUGH 360° VIRTUAL REALITY TO INCREASE
STUDENT ENGAGEMENT AND
UNDERSTANDING

Tara Dang, Victoria Phan, Kim Van & Aaron Beman

OVERVIEW

- **Our Journey to the Immersion Room**
- **Virtual Reality in Special Education**
- **Immersion Room Content Libraries**
- **Differentiated Programs**
- **Future Plans**
- **Questions**

GEORGE BASS SCHOOL



107

Student enrolment



17

Classes



85%

EALD



2014

Establishment



BASS HILL

Location

School for Specific Purposes

THE TEAM



Tara Dang

Assistant Principal



Kim Van

Teacher



Victoria Phan

Teacher



Aaron Beman

School Learning Support
Officer

Pop all the bubbles



OUR MISSION

Our mission is to provide differentiated teaching and learning tools through the use of innovative technologies and to develop programs with adjustments for all abilities and increase student engagement.

STRATEGIC DIRECTIONS



Differentiation

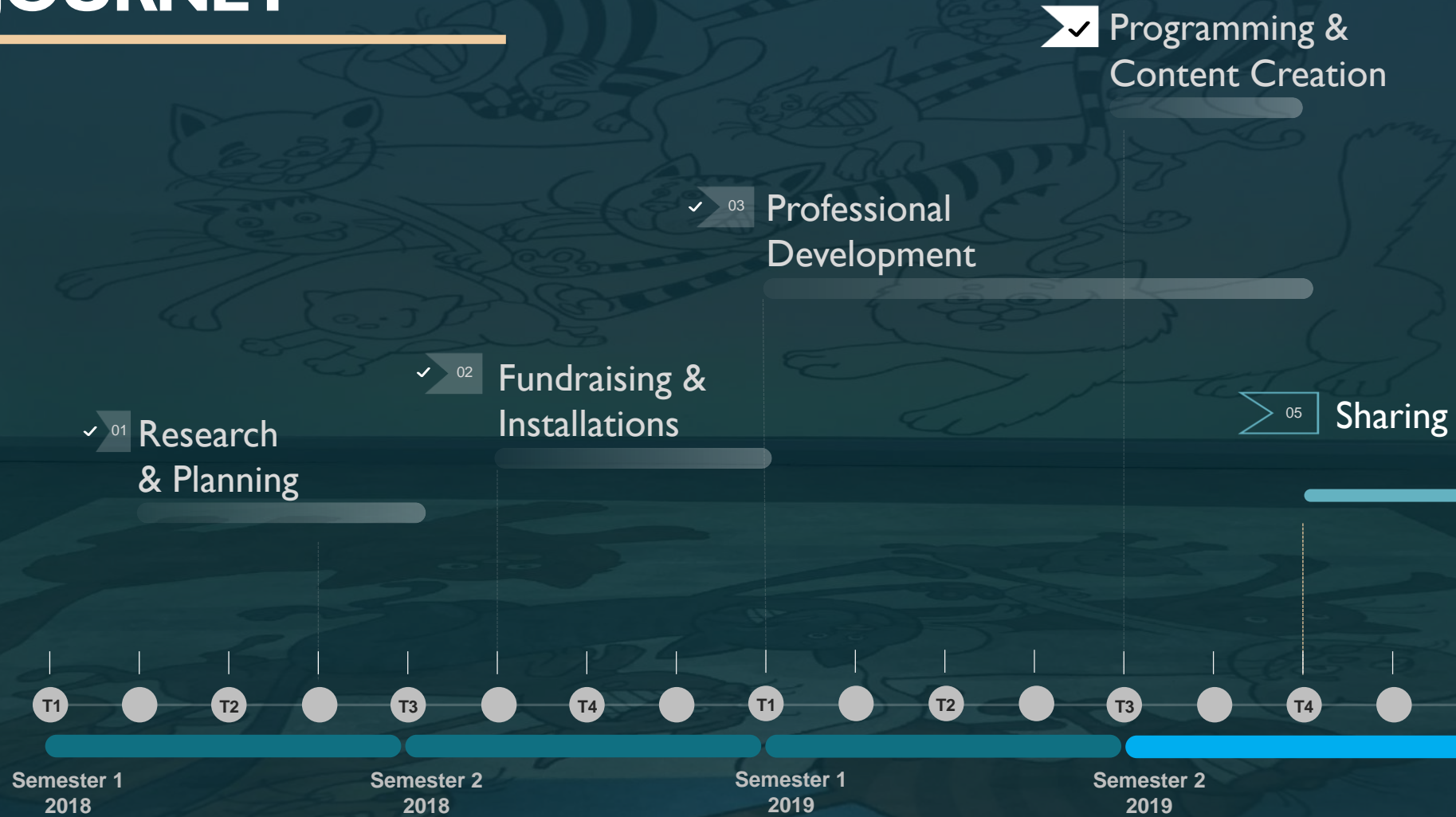


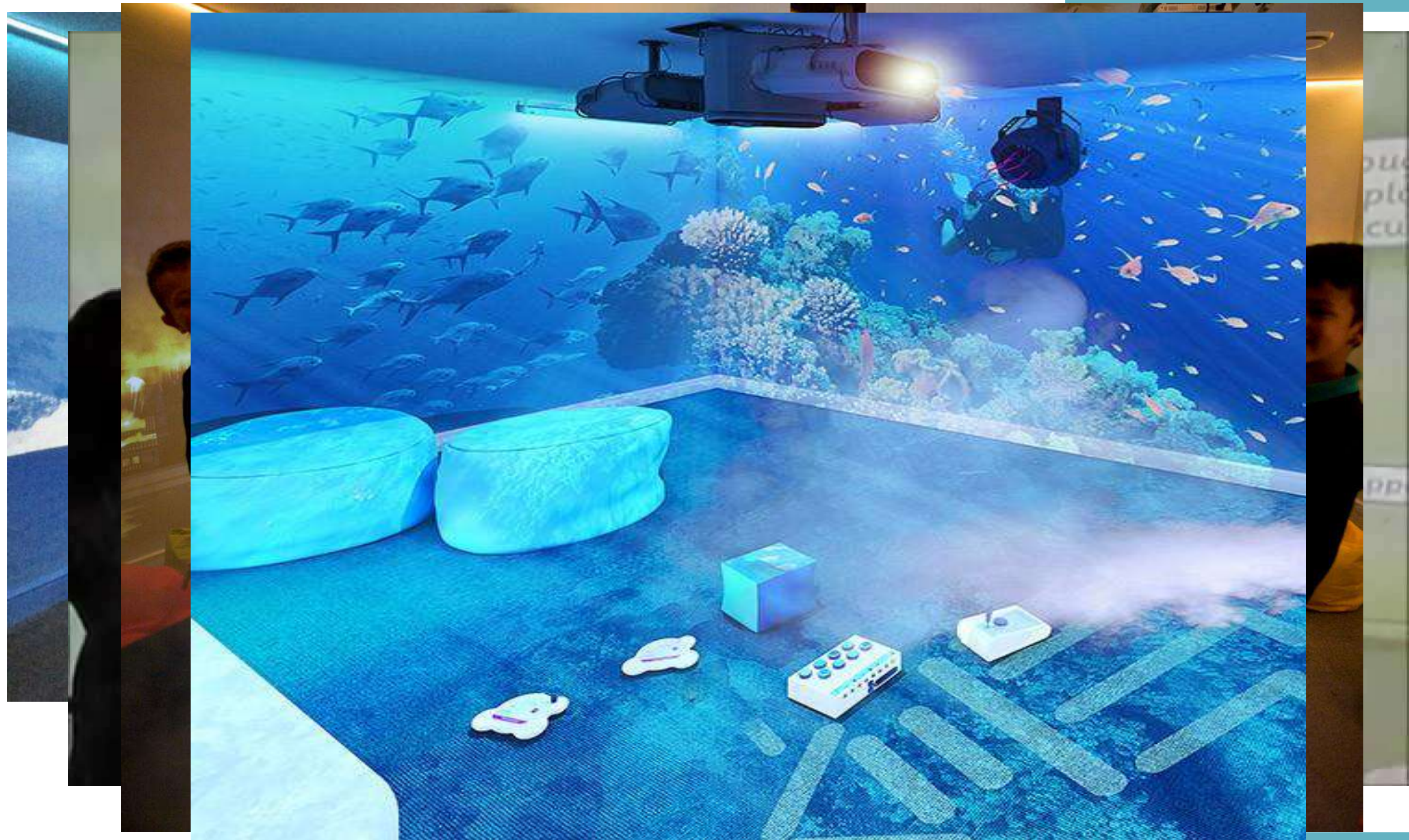
Assessment



Community

OUR JOURNEY









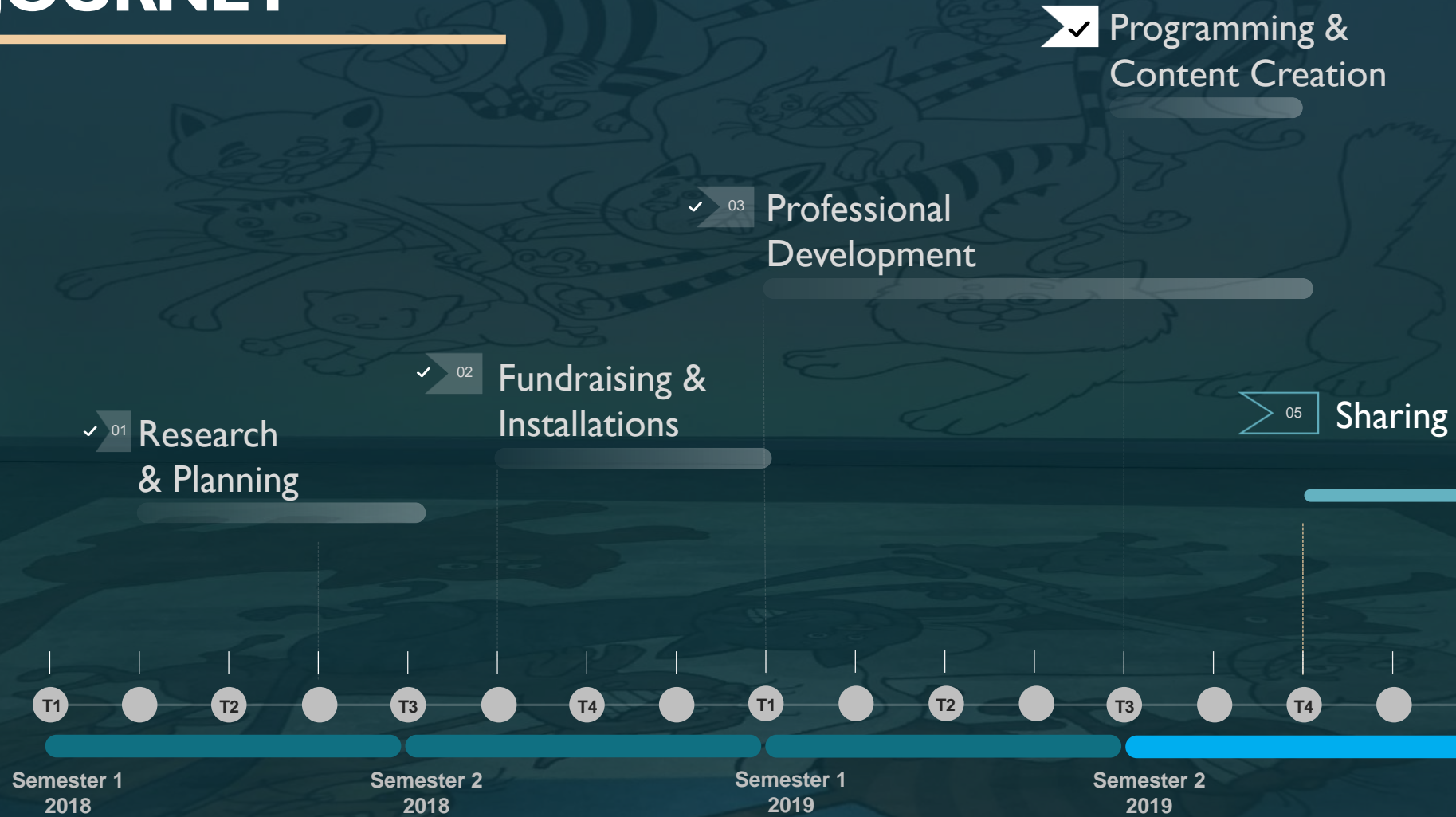
6,624

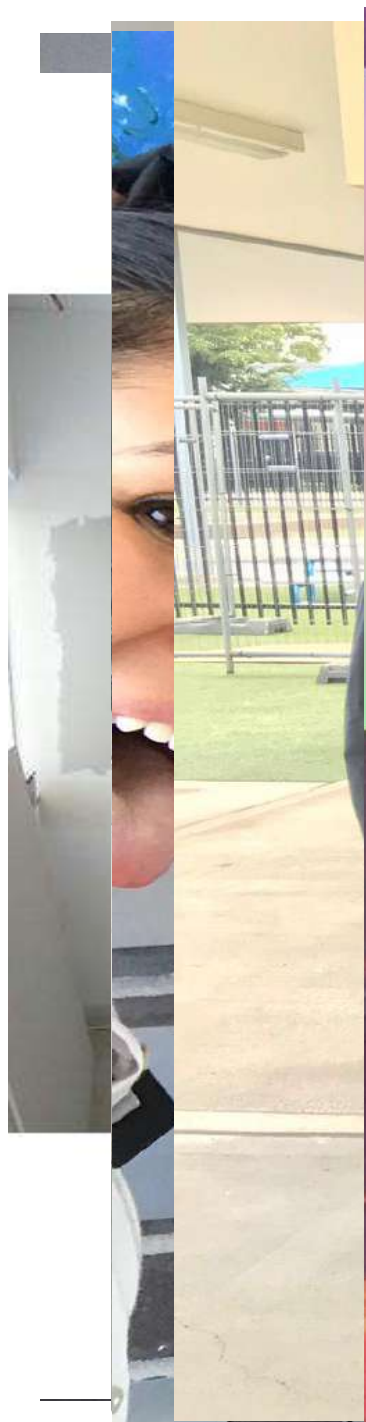
People Reached

1,108

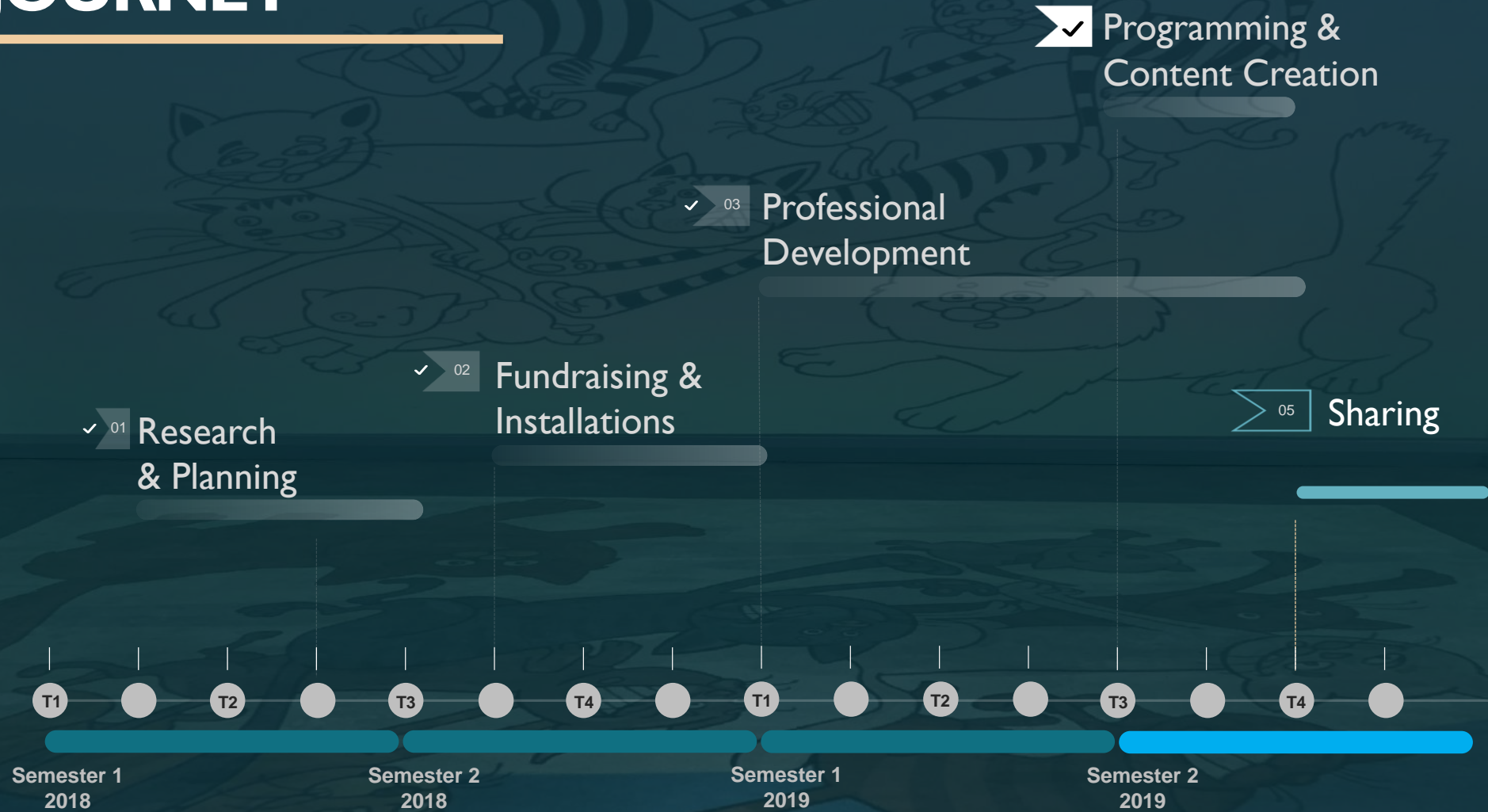
Engagements

OUR JOURNEY





OUR JOURNEY



VIRTUAL REALITY IN CLASSROOMS

IMMERSIVE TEACHING



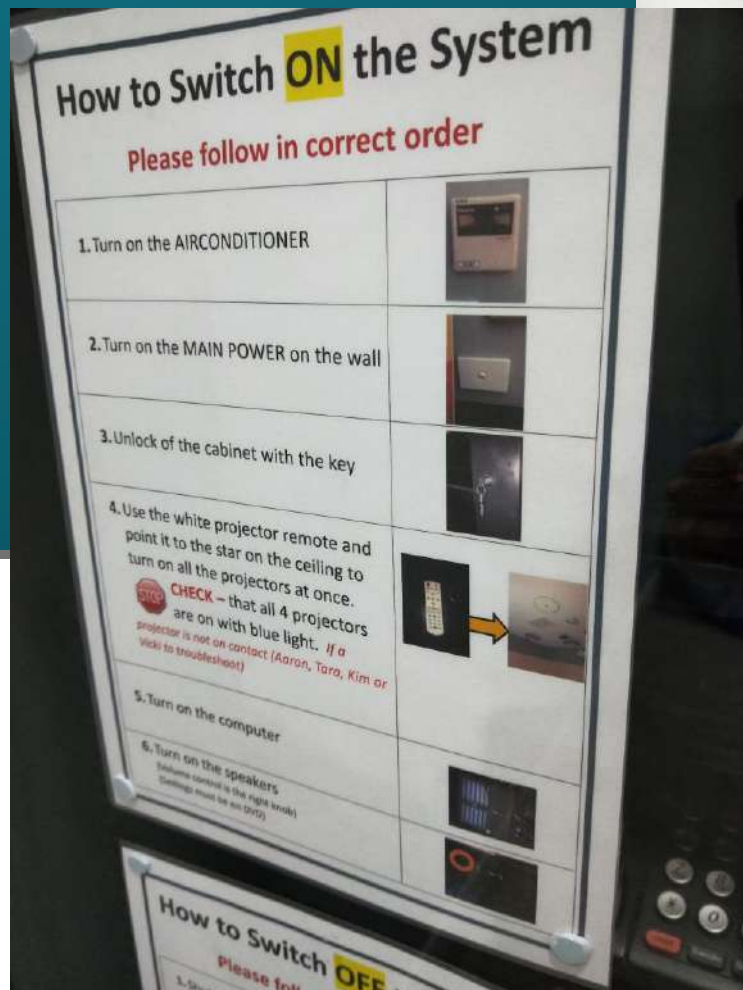
TECHNICALITIES

The Immersion room



TECHNICALITIES

Immersion Room



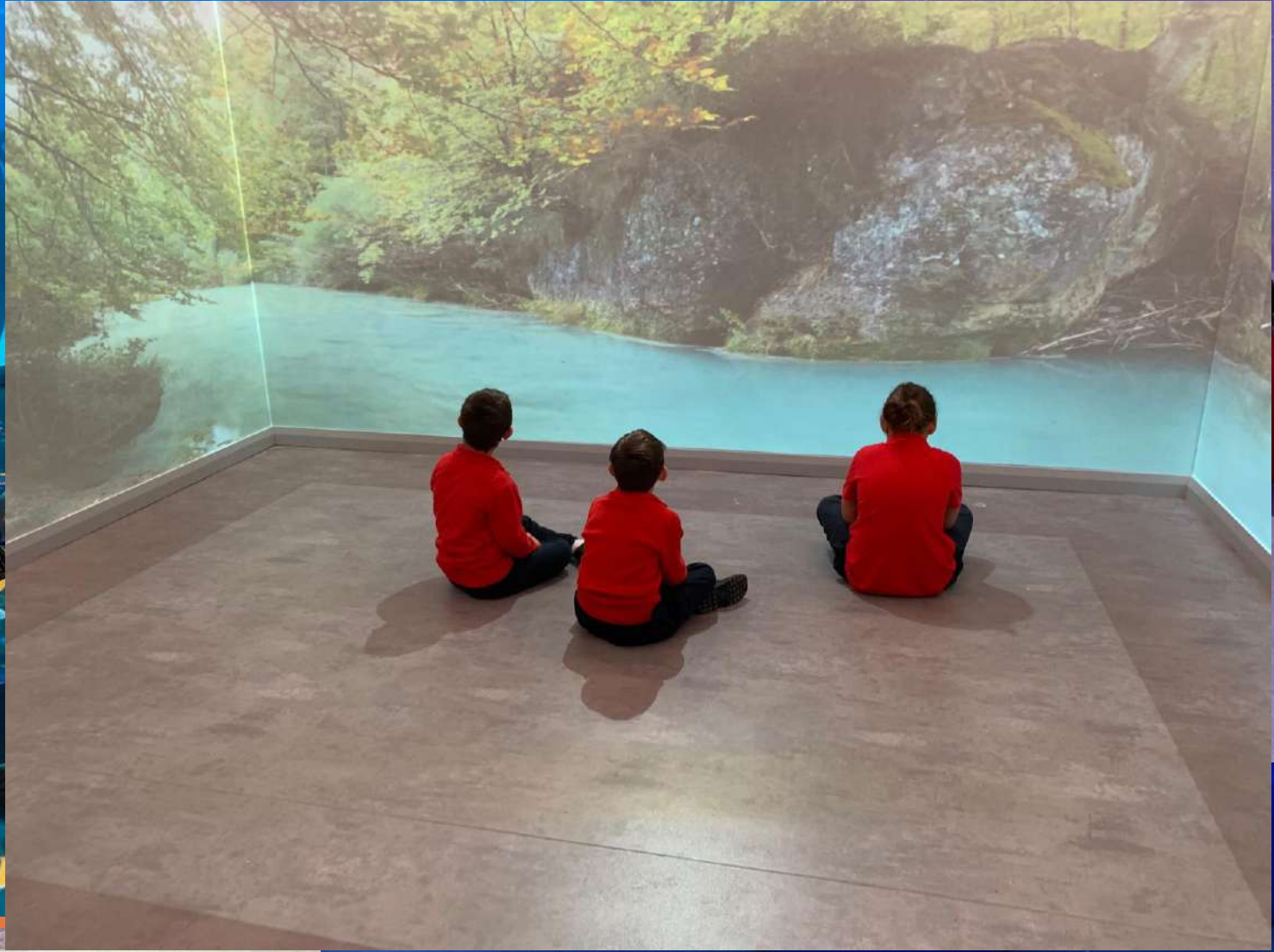
TECHNICALITIES

Programming



FILMING 360° CONTENT











CONTENT LIBRARIES

<http://bit.ly/31OHTSK>



Immersive Software

SENSORY



Stars
Twinkle twinkle little star
INTERACTIVE
Floor: Coloured stars appear
Walls: White stars appear
♪ Chimes sound when stars on floor are touched



Alphabet
Now I know my ABC's
INTERACTIVE
Floor: Letters move
Walls: Letters move
♪ Alphabet song



IMMERSION ROOM

SENSORY

Underwater

Experience life underwater

INTERACTIVE

Floor: Fish move around

Walls: Bubbles appear

♪ Ambient music

Beach

Find and identify the shells

INTERACTIVE

Floor: Swipe floor to reveal

Walls: No

♪ Beach balls bouncing

Football 2

Kick the ball to score a goal

Timed game: 30 seconds

INTERACTIVE

DIFFERENTIATED PROGRAMS



Literacy

Going on a Bear Hunt



Community Access

Travelling by train



HSIE

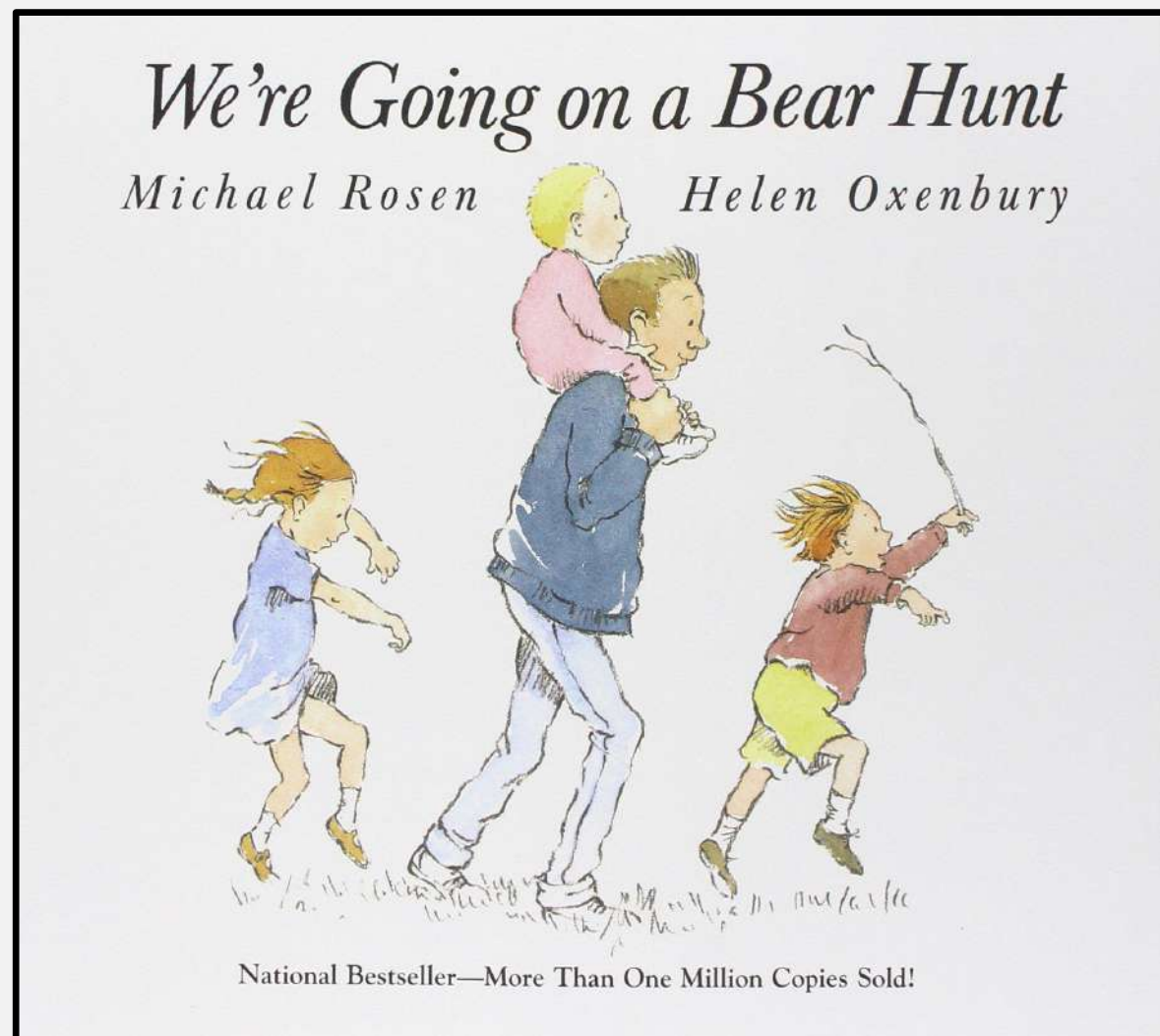
Survival in the Desert



Creative Arts

Performance

MORE THAN A SENSORY ROOM



GIANT LIVE IN BOOK



CREATING CONTENT



COMMUNITY ACCESS PROGRAM



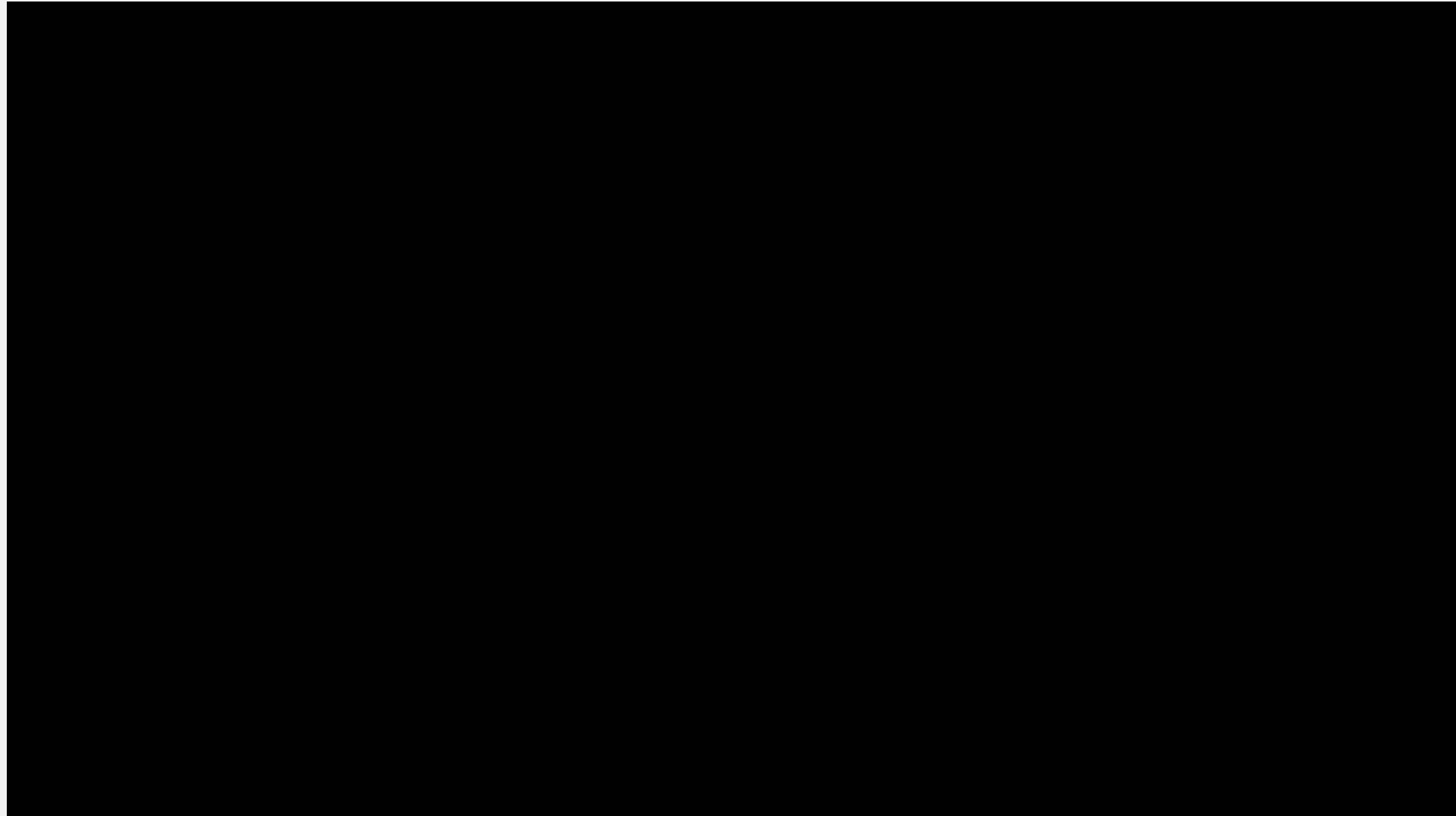
COMMUNITY ACCESS PROGRAM



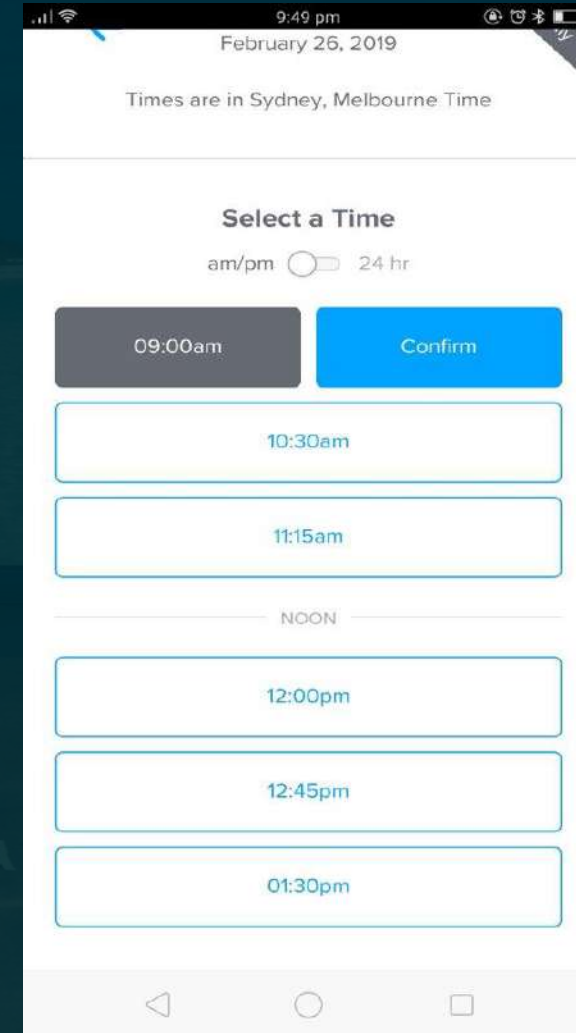
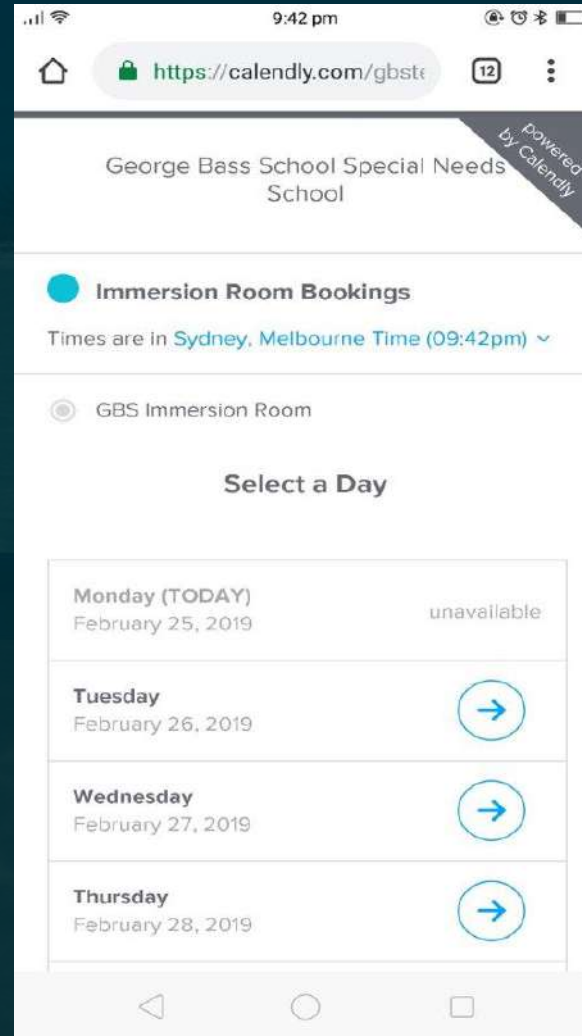
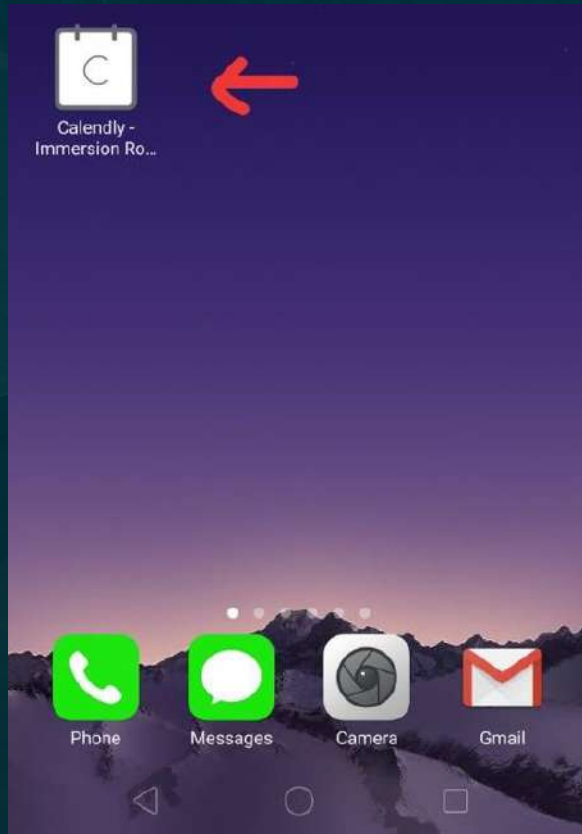
HSIE PROGRAM



CREATIVE ARTS



CALENDLY



FUTURE PLANS

- **Content Creation**
- **Professionally Development**
- **Share with the wider community**



OPEN DAY

Tuesday 20th August Term 3 Week 5

3:00pm – 4:00pm

THANK YOU



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