

March Quarterly Report

To help our youth of today succeed in
tomorrow's world



CoRE
Learning
Foundation

MARCH 2022



PRESENTED TO

CLF Members &
Sponsors

PRESENTED BY

Suzy Urbaniak

OLD AS DIRT

Code: 398601

BASALT

GRANITE

MARBLE

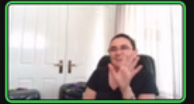
SANDSTONE

SHALE

GNEISS

CONGLOMERATE

Waiting for Teacher...



Aditi

Jett Coletti

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Executive Summary 0322

CoRE Schools - Expansion and Explorers

- Nine schools visited, welcoming new educators at Norseman, Merredin, Joseph Banks, Tom Price Primary, Paraburdoo Primary and Hedland SHS.
- Three field trips: One for Merredin Primary and Two at Norseman
- ASA (Ashburton School Alliance), led by Kiara Sinclair - CoRE ASA Lead, held two meetings preparing for June's Resources Challenge.
- Australian Christian College (ACC) - Darling Downs undertook two professional development sessions in preparation for their CoRE Implementation scheduled for Semester two, 2022
- Ningham Cell (Northern Wheatbelt - Koorda, Beacon, Bencubbin, Mukinbudin, Trayning) first CoRE Introduction

Gamifying Earth Science - Connecting Industry and Education

- Lucy Spackman joined the team as the Marketing Officer
- Gamification Abstract was submitted for the World Mining Congress - Brisbane 2023, co-authored by Newcrest's Jill Terry and Simon Troeth
- Sponsorship, Case Study and BHP Intern documents completed for April's sponsorship drive for 22/23 FY. For a copy of the BHP Intern document, [click this link](#)
- Four Educator Support Platform Sessions including:
 - Queensland's Mineral Mineral and Energy Academy
 - Two for Spinifex State School, Mt Isa
 - A general, virtual Question Session
- A seminar is being organised with Earth Ed, Ballarat, for May 10, 2022

Key Successes



Nearly 1000 CoRE Students



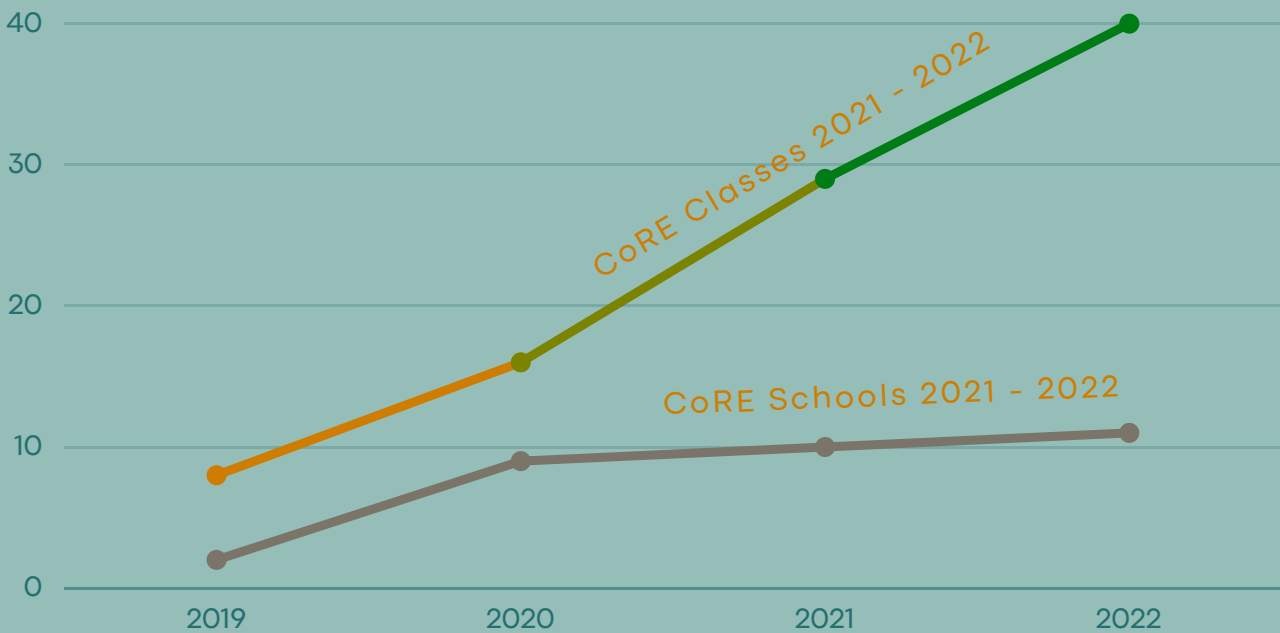
Gamifying Earth Science
Testimonials are positive

CoRE Schools - Expansion & Explorers

957 CoRE Students

CoRE Growth through in school expansion

CoRE Classes & Schools 2021 - 2022



Key Successes



38% increase in CoRE classes



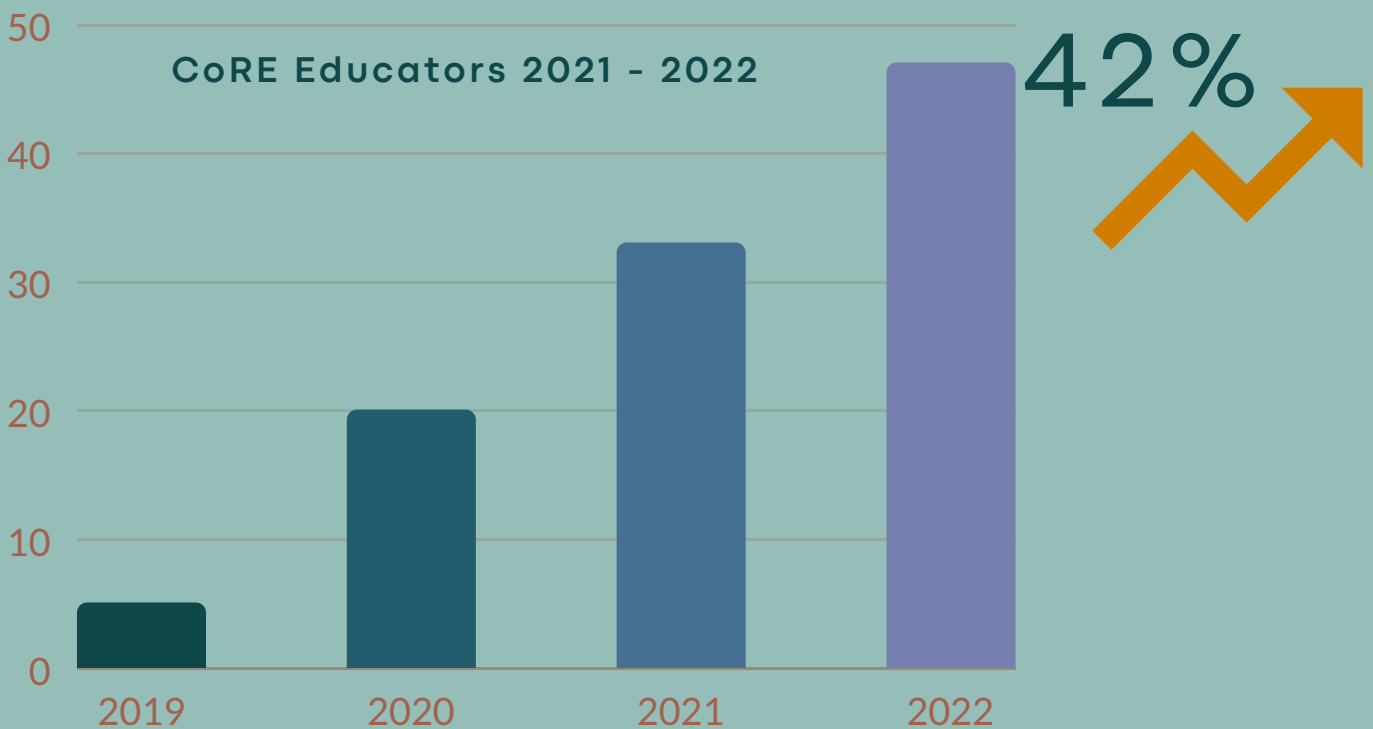
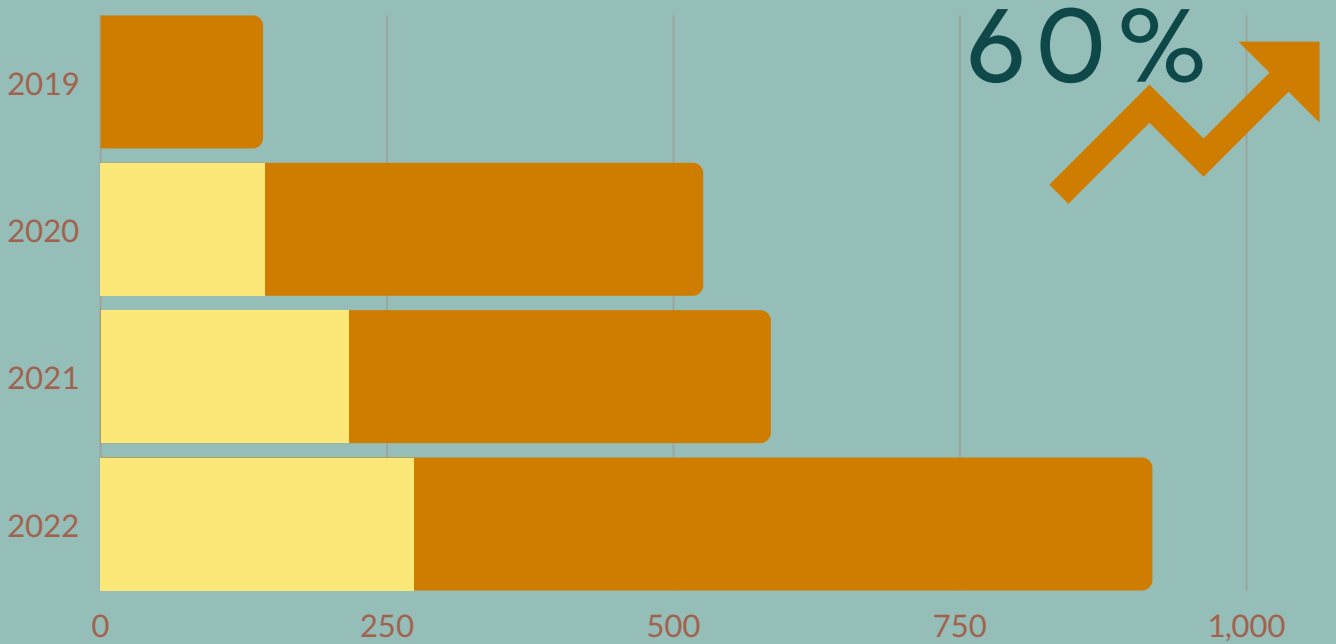
60% increase in CoRE students



42% increase in CoRE educators

CoRE Schools - Expansion & Explorers

CoRE Students 2021 - 2022



Celebrating CoRE Schools



Gamifying Earth Science

A digital learning tool improving Earth Science education and connecting it to resource industry careers.

Benefit

"Expert level support of the resources provided and commitment to improving student outcomes and knowledge of the mining sector."



Playing [Anoxic Shock](#) at Tom Price SHS CoRE. Collaboration and communication are critical to its success. Click the link to share in the excitement, or click [this link](#) to have a look at Old as Dirt's (OaD) gameplay.



Integrating OaDs eight games into CoRE's project-based learning (PBL). Kent Street students have used OaD to digitally create a diorama describing an Archaean deep-sea environment for this project component, reflecting Pilbara Iron Ore formation.

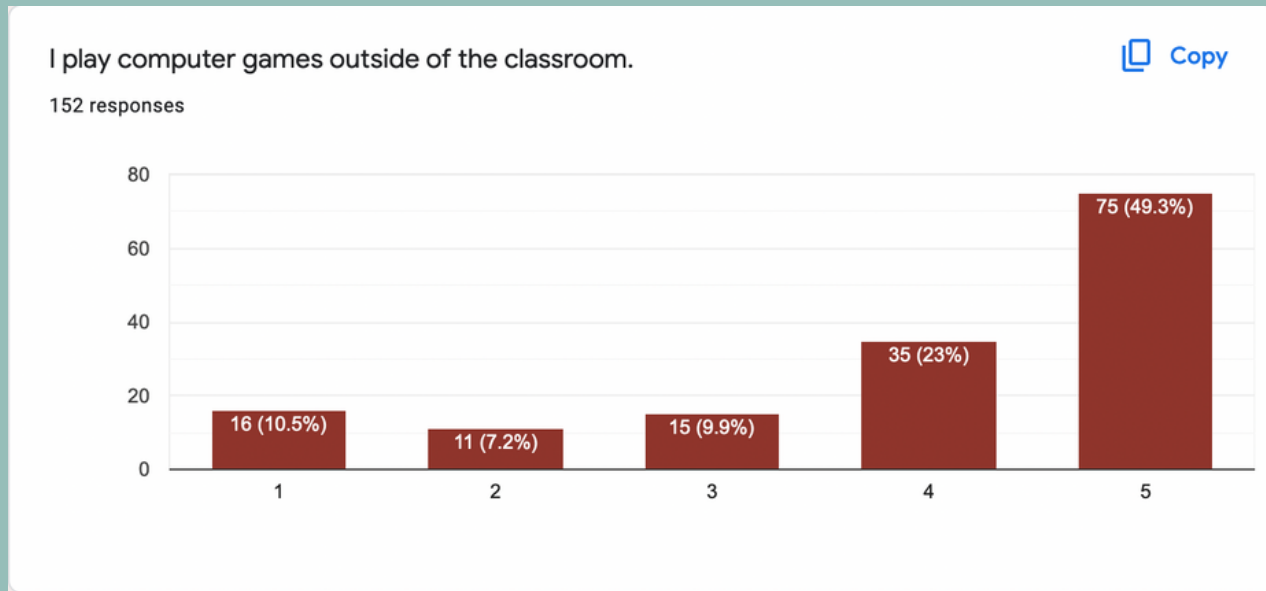


Testimonial

"I encourage anyone offered the opportunity to use the resource to take it. Passionate and expert support is provided to get you started and continues throughout the process. It really exemplifies the learning opportunities than can be created in a virtual world, strongly leveraging off student interest and skill when using games such as Minecraft " Jeff, Cooinda Primary, WA

Gamification Feedback

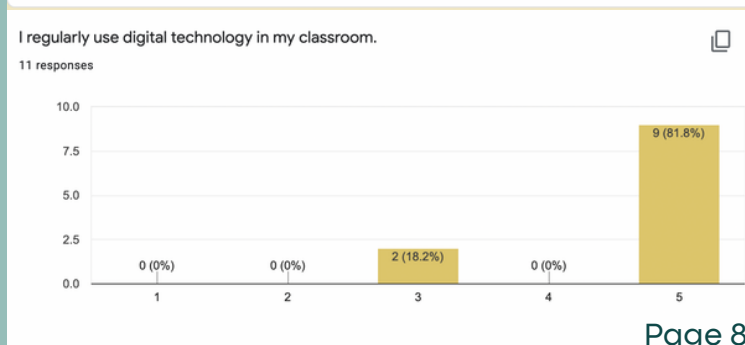
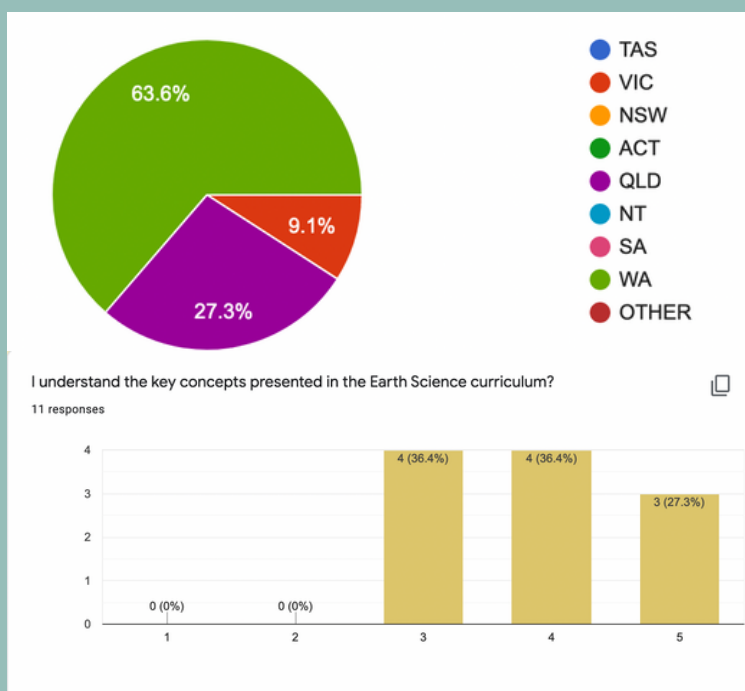
Student Responses



Educator Responses



Students enjoy engaging with digital platforms for learning. This initiative based its strategy on this observation. Educators who understand Earth Science and are confident with digital technologies have been the first to utilise CoRE's Gamification Initiative.



Connecting Industry and Education



CoRE's mission is to make learning real-world, connecting industry and education. Following on from last year's success with the IGO - Norseman CoRE Graduate Mentoring Program, CoRE's new sponsor - Perenti- commenced their Graduate Mentoring Program with CoRE's Lighthouse School - Kent Street SHS. CoRE's Champion, Kathleen Booth, commented, "I am looking forward to seeing the final interactive tool produced to identify

and resolve hazards in our workplace. Mitch and Kabir commented on how engaged the students were and are already planning their next visit with the same group early next term."

The successful IGO-Norseman CoRE Graduate Program will be celebrated through IGO's application to DMIRS for the Community Partnership Resources Sector Award. The announcement is scheduled for September.

CoRE Operations

Contact from a CoRE Alumni

- 01 Submission of Women in STEM Grant
- 02 Presentation to BHP Interns - Resourcing Rocks
- 03 Panelist for AusIMM - Future Earth Science Education Pathways
- 04 Delivery of Australia Day Address for Corrigin Shire
- 05 Early discussions with Geoscience Australia for Earth Science education development

"Hi Suzy, I just wanted to get in touch; I'm not sure if you remember, but I was in your EES class at Kent St, and I graduated in 2015. After finishing high school, I didn't really have much direction and floated around at jobs till I found myself working as an exploration drillers offsider, where I found myself spending much time speaking to the geologists on the rig about things I had learnt from you back in high school, I decided to make the leap and leave my job to study and am now starting my 2nd year of uni where I am studying mining engineering, and I just wanted to say thank you as if it wasn't for you teaching me the importance of resources and mining all those years ago I never would have found my passion for mining and would still be lost. With no direction, I hope you are well."



CoRE's Sponsors & Partners



human energy*

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GARNET SPONSOR



Supporting Kent Street CoRE field trips since 2006

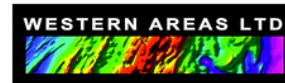
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Supporting CoRE for their 3rd year



Supporting CoRE for their 3rd year



Supporting CoRE for their 10th year



HopgoodGanim

Supporting CoRE for their 3rd year



Supporting CoRE for their 3rd year



Supporting CoRE for their 1st year



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Questions? Contact us.

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