

MARCH QUARTERLY REPORT

2026



Tom Price SHS Students on the Western Turner Syncline Field Trip

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CoRE supports the implementation of the CoRE Learning Model and CoRE Games through dominantly Face-to-Face mentoring, training and coaching. The support mechanisms that are in place provide educators with ease to access CoRE's expertise.

03 CoRE Highlights & Events

Let's examine recent events, including special celebrations of CoRE achievements, and what lies ahead and the incredible opportunities that bring recognition to CoRE.

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What developments have occurred with the CoRE Learning Model in CoRE schools? This encompasses the special learning activities, their impact, and the ongoing evolution of the Learning Model.

05 CoRE Sponsors & Partners

The CLF extends heartfelt gratitude to our Sponsors and Partners for their invaluable support. Their commitment enables us to fulfill our purpose of supporting today's youth for tomorrow's world.



A 4-day professional development session with PP-Year 6 Baler PS Educators

Summary

The first quarter of 2026 was defined by consistent operational progress and the successful alignment of our core strategic initiatives.



14 CoRE Schools Visited



55 CoRE Schools Professional Development Days



49 Educators Professionally Developed



77 Educator Collaborations



30 Classroom visits

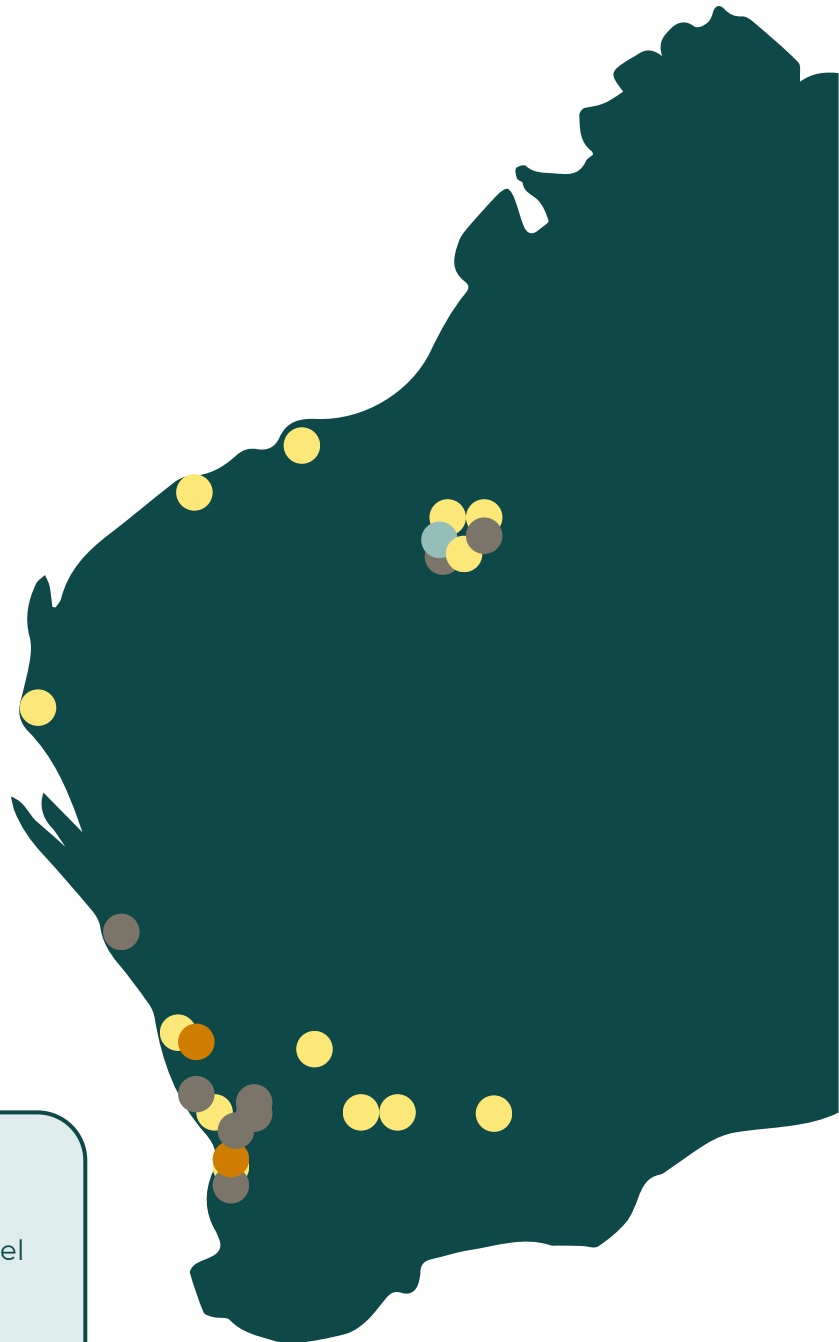


741 CoRE Student Experiences



8 Field Trips

- Professional Development
- Games PD & Workshops, Pit to Pixel
- Field Trips
- School Special Events
- Conferences



Summary

17

CoRE Schools

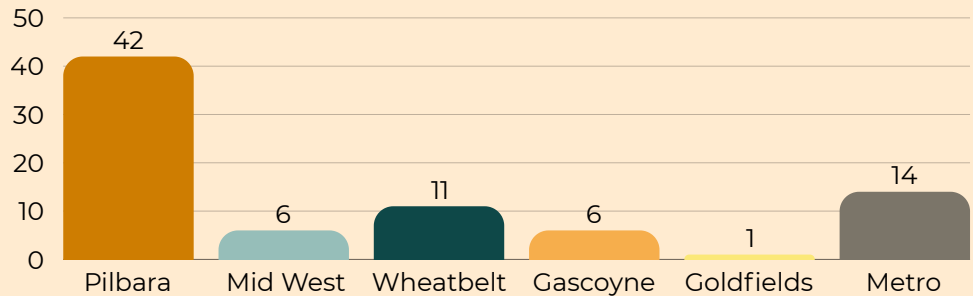
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Professional
Development Days

49

CoRE Educators
Professionally Developed

CoRE Classes per Region



"It was fantastic to see students collaborating, predicting outcomes, measuring crust movement, and connecting scientific models to real world Earth processes. This investigation was a wonderful example of Beacon students learning through doing."

Beacon Primary School CoRE Coordinator, Lisa Clark, describes the students' project-based learning classes on earthquakes

"...Days like this really show how impactful this partnership is and the connection from the classroom to the real world..."

Rio Tinto's Community Advisor, Catherine McCabe, describes the Rio Tinto Volunteer Day at Tom Price SHS

Quarter Highlights and Special Events



Beacon PS Crack the Earth with Lasagna and Playdoh

At Beacon Primary School, students stepped into the role of scientists, uncovering the forces behind one of Earth's most powerful natural events....[Read the Full Story](#)



Pit to Pixel: Drill Down Day

We celebrated the launch of the first-ever Pit to Pixel Drill Down Day, delivered in partnership with the WA Mining Club...[Read the Full Story](#)



Rio Tinto Industry Volunteer Day

In February, the first Industry Rio Tinto Volunteer Day was launched. Three volunteers - Tamara, Ruth and Paul spent the day visiting CoRE TP SHS Classes...[Read the Full Story](#)

CoRE Engagement & Impact



Bullbrook College Year 10 students visiting the WA Museum during their Mighty Meteorites PBL

CoRE Engagement & Impact

We kick off the year with impressive growth in both our CoRE student and educator numbers, alongside a robust beginning for field trips and school visits in both metropolitan and rural areas.



1598

An Increase of 265 CoRE students this quarter



64

An Increase of 8 CoRE educators this quarter



50% of CoRE Alumni are Female

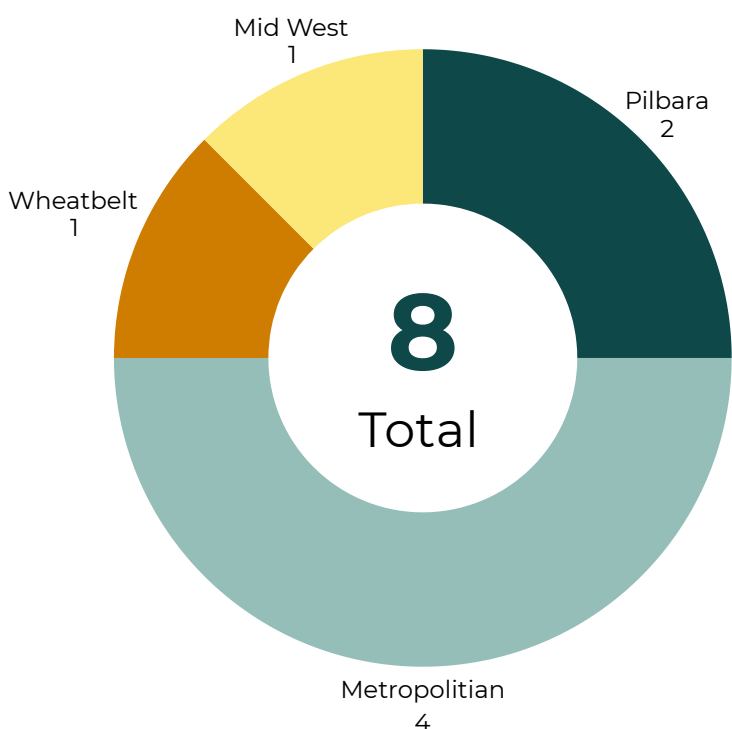


30% English as a Second Language

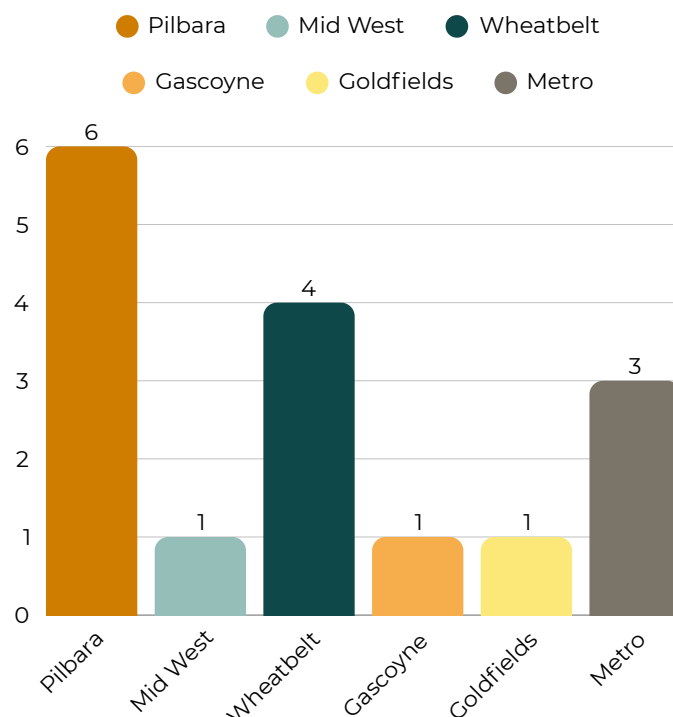


10% are First Nations

Field Trips Per Region



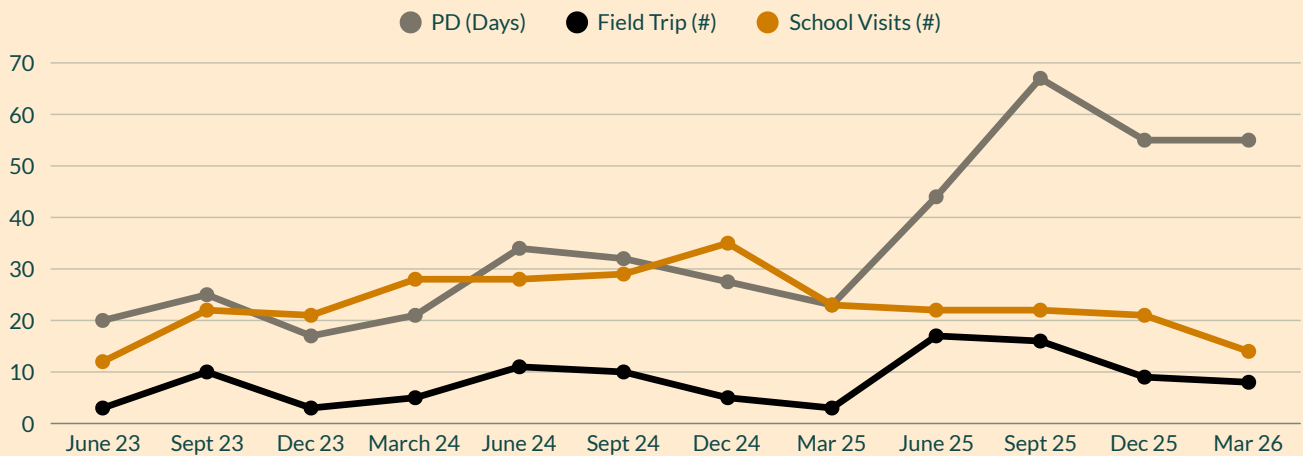
CoRE Schools Per Region



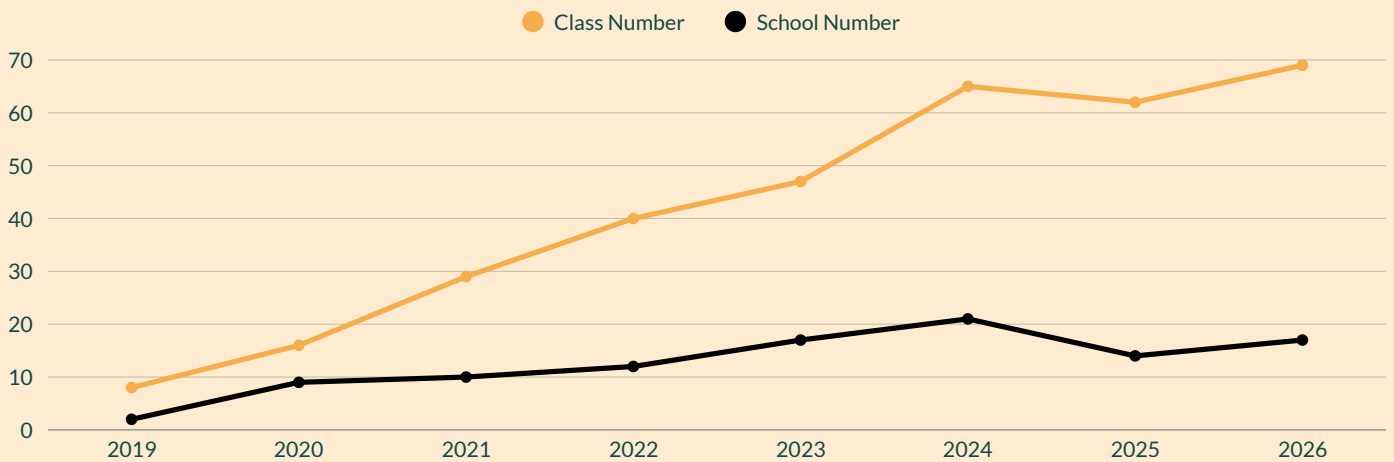
CoRE Engagement & Impact

CoRE Schools continue to grow massively. We are now powering 69 CoRE classes across 17 schools, marking a large leap in our reach and impact

CoRE in Schools 2019 - Current



CoRE Classes & Schools 2019 - Current



17

CoRE Schools

750%

Increase in CoRE Schools
since 2019

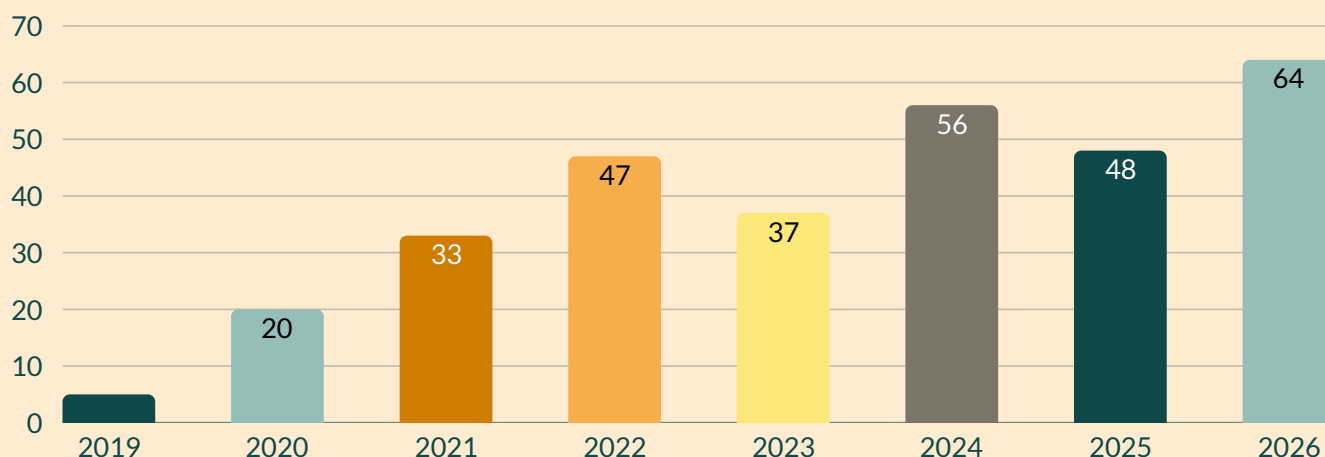
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CoRE Classes

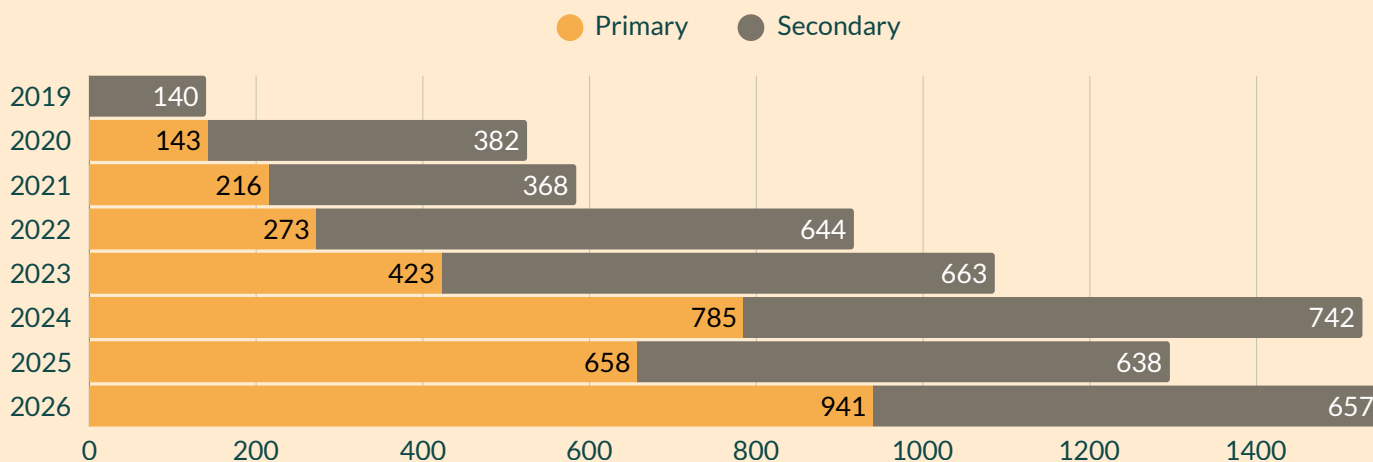
CoRE Engagement & Impact

We've come a long way since 2019. This quarter's numbers show just how much CoRE has grown over the last seven years.

CoRE Educators (2019-Current)



CoRE Students (2019-Current)



Year Level Growth (2019-Current)

2019

Year 7 ———— Year 12

2026

Pre-primary ———— Year 12

CoRE Highlights & Events



CoRE Highlights & Events

GeoSciEd X Conference

The 10th International Geoscience Education is only six months away. As Co-Chair of the conference, CoRE is heavily involved in its planning and organisation. Together with former CoRE Educator and current BHP Geologist, Katrina Rees, CoRE is establishing the Big Ideas Day of the Conference.

The data gained on the day involves K-12 global educators, industry personnel, community and hopefully government representatives, who will be compiled into a White Paper for all delegates to share in their country with individuals who want to improve Geoscience Education.

The planning of this day is such a critical, global initiative that this committee is spearheading, which could be very revolutionary

Katrina is currently leading a team that includes two CoRE Alumni Interns, whose transition from students to professional contributors highlights the strength of our talent pipeline



CoRE Lead, Suzy Urbaniak and former CoRE Educator, Katrina Rees, drafting the framework for the Big Ideas Day

See website for details, and please circulate through your communities to have as many members as possible register and be a part of this groundbreaking and change-making initiative.

<https://eventstudio.eventsair.com/geosciedx-conference-2026>



CoRE will be represented by the CoRE Lead and General Manager of Operations - Suzy and Jacobi respectively.

CoRE Highlights & Events

Field Trip Highlights

Our CoRE classes went on some amazing immersive field trips this quarter.

Djidi Djidi Ridge - Year 8 Bullsbrook College

Bullsbrook College students are diving headfirst into discovery! From trekking through Djidi Djidi Ridge to uncover geological secrets to exploring the explosive origins of the Big Bang, these young scientists are busy turning field trip inspiration into professional reports.



Kalbarri Gorges - Year 10 Geraldton SHS

Geraldton SHS students are cutting through to new heights! From exploring the vibrant science of Hutt Lagoon to uncovering ancient fossils and the powerful erosion shaping Kalbarri's gorges, these young explorers are busy transforming field trip insights into innovative tourism proposals.

Chevron & Fortescue - Year 8 ACC

ACC students are powering toward a greener future! From uncovering Chevron's vast energy value chain to witnessing Fortescue's cutting-edge remote mining operations and visionary decarbonisation goals, these young innovators are busy bridging the gap between resource management and renewable hydrogen energy.



Tom Price Hospital - Year 11 CoRE_SIP Tom Price SHS

Tom Price SHS students are redesigning the future of regional healthcare! By measuring lung health and simulating emergency cardiac responses alongside medical professionals at Tom Price Hospital, these young innovators are busy transforming real-world clinical insights into visionary designs for community health spaces.

CoRE Highlights & Events

Field Trip Highlights

Our CoRE classes went on some amazing immersive field trips this quarter.

Western Turner Syncline - Year 12 Tom Price SHS

Tom Price SHS students are witnessing the power of automation! From standing alongside massive 500t haul trucks to mastering the controls of a high-tech simulator at the Western Turner Syncline 2 mine, these Year 12s are busy electrifying their understanding of modern mining and the future economy. [Read the full story.](#)



WA Museum - Year 10 Bullsbrook College

Bullsbrook College students are uncovering cosmic mysteries! By analysing rare meteorite specimens at the WA Museum, these young astronomers are busy transforming celestial data into deep insights about the origins of our solar system.

Whiteman Park - Years 3-6 Calingiri PS

Year 3 - 6 students from Calingiri Primary School went to Whiteman Park for their field trip to observe 'Mighty Machine - past, present and future' to understand how in the last 120 years how transport has changed, how the machines have evolved.



Burns Beach - Year 7 Joseph Banks SC

Joseph Banks Secondary College students are exploring the edge of the ocean! From investigating the Leeuwin current system to uncovering the ancient geological history written in the Burns Beach coastline, these Year 7s are busy transforming coastal discoveries into scientific insights.

CoRE Schools & CoRE Learning Model



Beacon PS students using hands-on learning with lasagna and playdoh to simulate plate tectonics

CoRE Schools & CoRE Learning Model

A Strong Start to 2026 is Underway at Tom Price Primary

Year 5/6 students have been building confidence with technology, developing independent login skills, exploring Canva, and collaborating within their Business Units. As part of this foundation, they have identified the key skills needed for success in CoRE.

Their Semester 1 Project-Based Learning theme, "Dinosaur Legacy," has already sparked creativity. Students have formed their Business Units and designed team logos, with many drawing connections to last year's "Attack of the Asteroids," demonstrating growing big-picture thinking.

Looking ahead, students will begin a Scientific Investigation exploring Earth's transition from an Icehouse to a Greenhouse environment. Through hands-on experiments measuring ice melt in different conditions, they will collect and analyse data to deepen their scientific understanding.



CoRE in the classroom at TP Primary

"...The educators and students at Tom Price Primary School are looking forward to another innovative, hands-on, and inspiring year of learning in 2026..."

Elijah Tilbee,
CoRE Coordinator

Educator Field Trip for Wickham Primary School

In early 2026, educators from Wickham Primary School, including newcomers Jess, Mitch, and Nicole, engaged in hands-on field experience at Point Samson Beach before Cyclone Mitchell. The trip emphasised CoRE's MORE principle for data collection, and allowed staff to explore Banded Iron Formation (BIF) outcrops. This firsthand experience enhances their ability to lead students in real-world geological investigations, embodying the "learning by doing" ethos of the CoRE Learning Model.



Wickham PS Educator Field Trip



CoRE Schools & CoRE Learning Model

Beacon Primary School Crack the Earth with Lasagna and Playdoh

At Beacon Primary School, students stepped into the role of scientists, uncovering the forces behind one of Earth's most powerful natural events.

Through a hands-on CoRE investigation, supported by CoRE Lead Suzy Urbaniak, students explored how earthquakes form as stress builds within the Earth's crust. Using creative models made from playdough and lasagna sheets to represent rock strata, they applied forces of compression, extension, and shear to observe how the "crust" cracked, shifted, and moved.



"...Working in their CoRE Business Units...students investigated how different forces change landforms and fault types. This experiment helped them understand that the same Earth materials can behave very differently depending on the forces applied, linking directly to real tectonic plate movement and earthquake formation.

It was fantastic to see students collaborating, predicting outcomes, measuring crust movement, and connecting scientific models to real-world Earth processes. This investigation was a wonderful example of Beacon students learning through doing."

Lisa Clark,
CoRE Coordinator

Welcome Back Kathleen Booth!

Since 2015, Kat has played a key role in shaping the CoRE Learning Model, and her return marks an exciting new chapter as she takes on the role of HoLA at Tom Price SHS and the Pilbara CoRE Academy. With her wealth of experience and passion for hands-on learning, students and educators alike can look forward to many engaging field trips and CoRE adventures throughout 2026.



CoRE Schools & CoRE Learning Model

Kicking off the Year at Merredin College

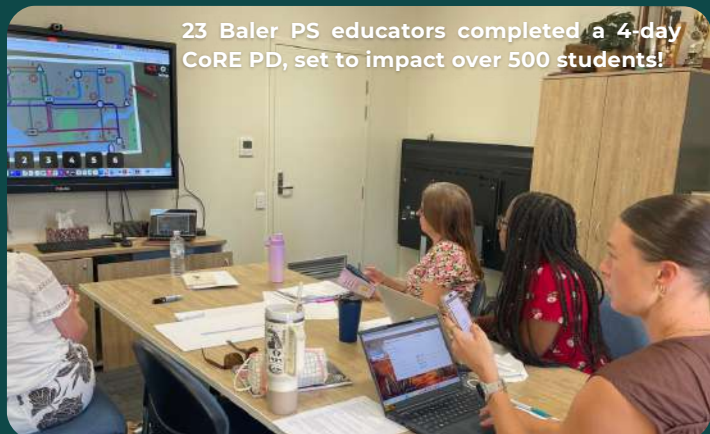
At Merredin Primary, Educators kicked off the year with two days full of hands-on learning and preparation for exciting CoRE projects. Educators focused on professional development and planning a field trip to Eaglestone Rock as part of the 'Too Salty' Project-Based Learning theme. Meanwhile, at the secondary campus, students began developing their Digital Portfolios, creating detailed schematics for their blueprints.

Across both the primary and secondary school, CoRE classes buzzed with collaboration and independent problem-solving, as students and educators worked together to set the stage for an innovative and engaging year of learning.



CoRE Learning Model Support

In Week 6, Baler Primary School achieved a significant whole-school milestone as 23 educators from Pre-primary to Year 6 engaged in an intensive four-day professional development intensive led by Suzy. These sessions helped embed the CoRE Learning Model across the entire primary school, unifying the school's pedagogical approach through collaborative Earth Science PBL planning.



CoRE Games Training

Emma Skane at Joseph Banks Secondary College is bringing the Pilbara's history to life through the gamified "Old as Dirt" curriculum. After trialing game modes with Year 9s, she is ready to launch "Anoxic Shock" with her Year 8 Science classes next month.

CoRE Sponsors & Partners



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Pit to Pixel Drill Down Day

In February 2026, we celebrated a major milestone with the launch of the first-ever Pit to Pixel Drill Down Day at the South Perth Community Hall. Delivered in partnership with the WA Mining Club, the event brought together 38 students from John Tonkin College and St Norbert College for an immersive introduction to the intersection of data science and the resources sector. Working alongside 11 dedicated WA Mining Club industry volunteers, students rotated through three hands-on activities designed to demystify how the mining industry operates and showcase the high-impact careers available through digital technologies.

A huge thank you to the volunteers who joined us for our Pit to Pixel Drill Down Day. Your hands-on support was instrumental in making the day a success and provided our students with invaluable industry insight.



"Exploring the different career paths in the mining industry while getting expert opinions [was the best part of the day]"

Pit to Pixel Student

*"The resource itself is amazing, and I think once people delve into it, they will love it. There is so much knowledge and passion and knowledge around the 'mining' space and what it's about".
"[It's] a great idea to prepare students for the future of the mining industry."*

Industry experts' thoughts about the Drill Down Day

John Tonkin College and St Norbert College at the first Pit to Pixel Drill Down Day with our Industry Volunteers



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Industry Rio Tinto Volunteers Day

In February, the first Industry Rio Tinto Volunteer Day was launched. Three volunteers - Tamara, Ruth and Paul spent the day visiting CoRE Classes. The volunteers socialised with the students as they worked on their Project Components (PCs). They visited four CoRE classes, providing insights, especially noting how the work the students were undertaking connected to the real world. Catherine McCabe, Rio's Community Advisor, who helped to organise this program, also attended and provided this feedback - "Awesome day at the mentoring session at TPSHS today!! I absolutely loved being a part of it and hearing the interactions between the RTIO mentors and the students. Days like this really show how impactful this partnership is and the connection from the classroom to the real world – I think the mentors had just as much fun as the students." Everyone is looking forward to the next volunteer day.



Paul helping a Year 7 student make an electromagnet for their Mining Materials PBL

"...Days like this really show how impactful this partnership is and the connection from the classroom to the real world..."

Catherine McCabe
Rio Tinto's Community Advisor



TP SHS Year 12 students in the Maintenance Building at WTS2.

Year 12 CoRE - Western Turner Syncline 2 Field Trip

The CoRE_SIP (Science in Practice) Year 12 students had the privilege to visit Rio's Automated Western Turner Syncline 2 Iron Ore Mine Site. This mine visit is part of their semester unit - Electrifying the Economy. The mine visit forms the foundation to all their assessment requirements.

The students visited the maintenance workshop, where they were up close and personal with a 500t haul truck, the world's largest loader and many more enormous, automated machines. They also had a pit tour and had a go on a haul truck simulator. It was an extraordinary and unique experience, only open to CoRE students.

CoRE Sponsors & Partners

Australian Christian College visit Chevron and Fortescue.

To complement their learning of the Energy World of the 21st Century, 32 Year 8 students from Australian Christian College recently visited the Chevron Energy Centre. The group explored the entire energy value chain, from initial formation to global export, while learning about Chevron's flagship Gorgon and Wheatstone assets. Students rotated through interactive stations focused on environmental stewardship and processing options, concluding with a presentation on the diverse career pathways available within the energy sector.

The group then transitioned to Fortescue's headquarters to witness the scale of modern remote operations. Students observed the full lifecycle of five Pilbara mine sites, tracking ore from initial blasting through to its 620 km rail journey and eventual export at Port Hedland. This session also provided a unique look at real-time logistics and the complex scheduling required to meet global customer demand.

The visit concluded with a presentation on Fortescue's "Real Zero" vision for a decarbonized future. Industry expert Aaron detailed how renewable energy and hydrogen development will transform mining fleets, locomotives, and shipping. Students also gained insight into the production of Green Steel at the Christmas Creek site. This experience provides a vital practical foundation for their current Project-Based Learning unit, "Feeding the Future – Hydrogen Energy."



"My highlight for this field trip was learning about the production of petroleum and understanding how the value chain operates throughout this process. It was interesting to explore the steps required to transport petrol to various areas, as well as how we have used Jurassic sunlight to produce electricity."

"It was educational to see a decarbonisation process applied in a real-world setting and to see a company actively working to reduce CO2 emissions. I was particularly fascinated by the use of hydrogen to power heavy machinery to support mining operations. Finding sustainable alternatives to diesel fuel is crucial, and engaging in a conversation about a sustainable future was both wonderful and informative."

ACC CoRE Student

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Celestial Sponsors

RioTinto



Sky Sponsors



Eucalypt Sponsors



BHP



Garnet Sponsors



In-kind Partners





GOT QUESTIONS? CONTACT US.

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