

STAGE 6: FIELDWORK



Observatory Hill Environmental Education Centre is developing a number of **virtual fieldwork stand-alone case studies** that can be used to support the S6 geography syllabus.



Completed case studies include:

- Urban Dynamics - Urban consolidation in Waitara – <https://sites.google.com/education.nsw.gov.au/urbandynamics-waitara/home>
- Urban Dynamics – Urban Consolidation and Renewal in Pyrmont – <https://sites.google.com/education.nsw.gov.au/urban-dynamics-pyrmont/home>
- Economic activity - Sydney Harbour YHA, a case study of an economic enterprise at a local scale <https://sites.google.com/education.nsw.gov.au/sydneyharbouryha/home>

Case studies include:

- **People and Economic Activity** Tourism – Taronga Zoo case study – <https://sites.google.com/education.nsw.gov.au/obhill-pea-tourism/home>
- **Urban Places** – Urban renewal and consolidation in Pyrmont – <https://sites.google.com/education.nsw.gov.au/obhill-urbanplaces-pyrmont/home>
- **Urban Places** – Urban renewal and consolidation in Green Square – <https://sites.google.com/education.nsw.gov.au/obhill-urbanplaces-greensquare/home>
- **Urban Places** – Urban renewal and consolidation in Barangaroo and Millers Point – <https://sites.google.com/education.nsw.gov.au/obhill-urbanplaces-barangaroo/home>



Virtual fieldwork presentations can be delivered to your class by the Centre's trained geography teachers covering the topics above, as well as selected S4 and S5 topics. The virtual presentations explore each case study in depth, including related syllabus content.

Webinar worksheets are provided and students have the opportunity to ask questions.

Feedback from teachers is overwhelmingly positive with comments such as; *"That was fantastic, thank you for your time today. Heaps of information for the students to take in but very clear and structured with an examination focus, the students really appreciated it."* Kogarah HS

The following case studies will be coming soon:

- Economic Activity – Taronga Western Plains Zoo Dubbo case study
- Ecosystems at Risk – Rainforests of NSW
- Ecosystems at Risk – Kelp ecosystems of eastern Australia

In addition, the Centre already offers case study support websites for a number of S6 topics, which can support and supplement actual fieldwork with the Centre, or virtual fieldwork lessons provided by the Centre. These websites include pre and post program quizzes, pre fieldwork or virtual fieldwork (webinar) tasks, Google Tours and updated resources such as video clips, latest news, maps and more.



Examples of Observatory Hill EEC fieldwork / webinar case studies

People and Economic Activity – Tourism

Taronga Zoo Sydney local case study

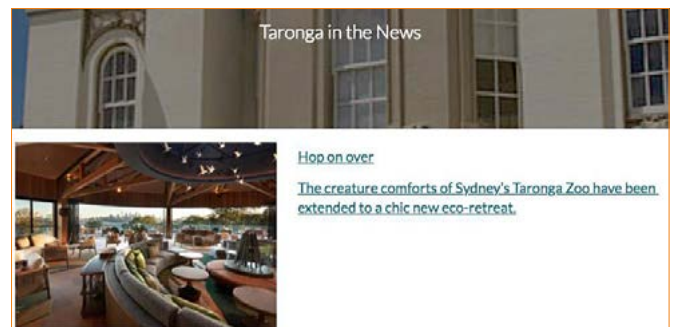
Observatory Hill EEC, in partnership with Taronga Zoo Sydney, offers fieldwork or a virtual fieldwork webinar on the global tourism industry, and Taronga Zoo Sydney as a local case study of a tourism enterprise. Schools that attend Taronga Zoo, participate in two presentations that address the *People and Economic Activity* syllabus dot points, including the local case study, and tour the zoo. Alternatively, students can attend a webinar that walks them through the *People and Economic Activity* syllabus dot points (with a tourism focus) and the Taronga Zoo Sydney local case study. In lieu of actual fieldwork a virtual tour is available on the support website. The fieldwork and presentations are delivered by DoE environmental education / geography teachers, and Taronga Zoo Sydney teachers.

Schools also have the option to conduct fieldwork at Taronga Western Plains Zoo Dubbo TWPZ and a supporting TWPZ case study website will also be available.

A virtual tour linked to the supporting website allows students to experience the zoo in their own time and at their own pace – <https://poly.google.com/u/0/view/49HsXUuPJ29>



The supporting website contains updated resource materials including information on global tourism and the impacts of Covid-19 on Taronga Zoo Sydney's operations.




Urban Dynamics – Green Square

Observatory Hill EEC specialises in urban geography and conducts urban dynamics fieldwork at Pyrmont, Barangaroo and Green Square. The Green Square fieldwork focusses on the urban dynamics of urban renewal and consolidation. Teachers have the option to attend actual fieldwork or participate in a comprehensive virtual fieldwork webinar which covers the syllabus dot points (or both). During fieldwork, City of Sydney Town Planners involved with the development, discuss Green Square in detail. Students then visit the precinct to observe and record aspects of the urban dynamics at play. All students are provided with an iPad to collect data so they can create digital maps of their fieldwork. A supporting website allows student to revisit the site and offers a virtual tour, quizzes and updated resources about Green Square.

A virtual tour linked to the supporting website allows students to learn more about Green Square in their own time and pace – <https://poly.google.com/view/8UBpBRI0rhJ>



OPEN LEARNING



The Geography Teachers' Association of NSW & ACT

POPULAR

GEOGRAPHY 101: CONCEPTS, PART 1

A flexible, any where, any time online learning opportunity through Open Learning

Geographical concepts are a foundation for teaching Geography in NSW.
 This professional development course, created by Dr. Paul Batten on behalf of the GTA NSW & ACT, examines the seven key concepts from the Australian Curriculum Geography and NESA Geography Syllabus K-10.


Skills developed in this course include:

- applying knowledge of the content and teaching strategies of Geography to develop engaging teaching activities (NESA Standard 2.1.2),
- providing opportunities for ATSI respect and understanding (NESA Standard 2.4.2) and,
- contributing to collegial discussions... to improve professional knowledge and practice (NESA Standard 6.3.2).

The course is designed for flexible delivery. Participants can start, progress and finish at times convenient to them. The focus of the course are text and image posts. Participants collaborate in a 'pay it forward' style with other teachers, engaging with previous contributions and creating their own posts, adding to the galleries of exemplars and case studies for future participants to review.

Cost: \$90 – Register at <https://www.openlearning.com/ptc-nsw/courses/geography-101/>
 For further information about this course contact – gta.elearning@gmail.com


PARTICIPANT FEEDBACK:
*"This is an accessible and easy way to learn and to improve classroom practices."
 "Geo 101 is relevant and practical and will definitely add value to student learning."
 "The course covers key geographical concepts, incorporates interesting activities that you could easily use in your own classroom, and has the added bonus of learning from your colleagues."*



Geography Teachers Association of NSW & ACT, through the Professional Teachers' Council NSW – is endorsed to provide the NSW Education Standards Authority (NESA) Registered Professional Development for teachers accredited at Proficient, Highly Accomplished, and Lead Levels.

Completing the **Geography 101: Concepts, Part 1**, on **29 September 2020 – 1 November 2021** will contribute **3 Hours** of NSW Education Standards Authority (NESA) Registered PD addressing 2.1.2; 2.4.2; 6.3.2 from the Australian Professional Standards for Teachers towards maintaining Proficient Teacher Accreditation in NSW.

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The Geography Teachers' Association of NSW & ACT

POPULAR

GEOGRAPHY 102: CONCEPTS, PART 2

A flexible, any where, any time online learning opportunity through Open Learning

Geographical concepts are a foundation for teaching Geography in NSW.
 This professional development course, created by Dr. Paul Batten on behalf of the GTA NSW & ACT, examines four of the seven key concepts from the Australian Curriculum Geography and NESA Geography Syllabus K-10.


Skills developed in this course include:

- applying knowledge of the content and teaching strategies of Geography to develop engaging teaching activities (NESA Standard 2.1.2),
- participating in learning to update knowledge and practice targeted to professional needs and system priorities (NESA Standard 6.2.2) and,
- contributing to collegial discussions... to improve professional knowledge and practice (NESA Standard 6.3.2).

The course is designed for flexible delivery. Participants can start, progress and finish at times convenient to them. The focus of the course are text and image posts. Participants collaborate in a 'pay it forward' style with other teachers, engaging with previous contributions and creating their own posts, adding to the galleries of exemplars and case studies for future participants to review.

Cost: \$90 – Register at <https://www.openlearning.com/ptc-nsw/courses/geography102/>
 For further information about this course contact – gta.elearning@gmail.com


PARTICIPANT FEEDBACK:
*"This is an accessible and easy way to learn and to improve classroom practices."
 "Another great course. Such a valuable learning opportunity."
 "The course covers key geographical concepts, incorporates interesting activities that you could easily use in your own classroom, and has the added bonus of learning from your colleagues."*



Geography Teachers Association of NSW & ACT, through the Professional Teachers' Council NSW – is endorsed to provide the NSW Education Standards Authority (NESA) Registered Professional Development for teachers accredited at Proficient, Highly Accomplished, and Lead Levels.

Completing the **Geography 102: Concepts, Part 2**, on **29 September 2020 – 1 November 2021** will contribute **5 Hours** of NSW Education Standards Authority (NESA) Registered PD addressing 2.1.2; 6.2.2; 6.3.2 from the Australian Professional Standards for Teachers towards maintaining Proficient Teacher Accreditation in NSW.

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The Geography Teachers' Association of NSW & ACT

POPULAR

GEOGRAPHY 110: INTRO TO MAPS

A flexible, any where, any time online learning opportunity through Open Learning

Geographical tools and skills are an important part of teaching Geography.
 This professional development course, created by Dr. Paul Batten on behalf of the GTA NSW & ACT, introduces the maps and map skills that teachers should share with students within the NESA Geography Syllabus K-10.


Skills developed in this course include:

- applying knowledge of the content and teaching strategies of Geography to develop engaging teaching activities (NESA Standard 2.1.2),
- applying knowledge and understanding of effective teaching strategies to support students' literacy and numeracy achievement (NESA Standard 2.5.2) and,
- contributing to collegial discussions... to improve professional knowledge and practice (NESA Standard 6.3.2).

The course is designed for flexible delivery. Participants can start, progress and finish at times convenient to them. Participants collaborate in a 'pay it forward' style with other teachers, engaging with previous contributions and creating their own posts, adding to the galleries of exemplars for future participants to review.

Cost: \$90 – Register at www.openlearning.com/ptc-nsw/courses/geography110/
 For further information about this course contact – gta.elearning@gmail.com

PARTICIPANT FEEDBACK:
*"This is an accessible and easy way to learn and improve classroom practice."
 "I really enjoyed doing this course. Strong explanations of each skill were given with relevant activities provided to consolidate understanding, plus some really good resources."
 "A valuable professional learning activity for those wanting to validate their mapping skills, e.g. primary teachers or those new to teaching Geography."*



Geography Teachers Association of NSW & ACT, through the Professional Teachers' Council NSW – is endorsed to provide the NSW Education Standards Authority (NESA) Registered Professional Development for teachers accredited at Proficient, Highly Accomplished, and Lead Levels.

Completing the **Geography 110: Intro to Maps** on **29 October 2020 – 29 October 2021** will contribute **3 Hours** of NSW Education Standards Authority (NESA) Registered PD addressing 2.1.2; 2.5.2; 6.3.2 from the Australian Professional Standards for Teachers towards maintaining Proficient Teacher Accreditation in NSW.

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The Geography Teachers' Association of NSW & ACT

NEW

GEOGRAPHY 111: INTRO TO TOPOGRAPHIC MAP SKILLS

A flexible, any where, any time online learning opportunity through Open Learning

Topographic mapping is an important aspect of teaching Geography in NSW.
 This professional development course, created by Dr Paul Batten and Katerina Stojanovski on behalf of GTA NSW & ACT, examines the use of these tools for teaching in the NESA Geography Syllabus K-10.

The course explores skills, for example those related to elevation, aspect and gradient, using spatial technologies as appropriate.

Skills developed in this course include:

- applying knowledge of the content and teaching strategies of Geography to develop engaging teaching activities (NESA Standard 2.1.2),
- creating questions to assess student learning (NESA Standard 5.1.2) and,
- contributing to collegial discussions to improve professional knowledge and practice (NESA Standard 6.3.2).

The course is designed for flexible delivery, where participants can start, progress and finish at times convenient to them. The collaboration is in a 'pay it forward' style, where participants engage with previous contributions and contribute themselves – learning in the process, but also adding to the galleries of exemplars and case studies for future participants to review.

COST: \$90 for each GTA online course, with discounts available on multiple registrations.
COURSE REGISTRATION: Available at – www.openlearning.com/ptc-nsw/courses/geography111
 For further information about the GTA online courses contact gta.elearning@gmail.com



Geography Teachers Association of NSW & ACT, through the Professional Teachers' Council NSW – is endorsed to provide the NSW Education Standards Authority (NESA) Registered Professional Development for teachers accredited at Proficient, Highly Accomplished, and Lead Levels.

Completing the **Geography 111: Intro to Topographical Mapping** on **1 November 2020 – 1 November 2021** will contribute **3 Hours** of NSW Education Standards Authority (NESA) Registered PD addressing 2.1.2; 5.1.2; 6.3.2 from the Australian Professional Standards for Teachers towards maintaining Proficient Teacher Accreditation in NSW.

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OPEN LEARNING

Professional Learning

GTA NSW&ACT is continuing to offer its acclaimed online learning opportunities through the Open Learning platform. These flexible, anywhere, anytime courses are NESA-accredited for 3–5 hours. The last year has seen an exciting expansion of course offerings to support new and experienced Geography teachers:

- Geography 101: Concepts, Part 1 (5hr)
- Geography 102: Concepts, Part 2 (5 hr)
- Geography 110: Intro to Maps (3hr)
- Geography 111: Intro to Topographic Map Skills (3hr)
- Geography 141: Teaching Place and Liveability – for teachers new to the unit (3hr)
- Geography 241: Teaching Place and Liveability – for experienced teachers (3hr)
- Geography 142: Teaching Landscapes and Landforms (3hr)

These courses, written and facilitated by Dr Paul Batten and Katerina Stojanovski, have been rated very positively by participants.

For more information about our online learning courses, please contact the GTANSW & ACT Online Learning Coordinator at gta.elearning@gmail.com.

Dr Paul Batten, GTANSW & ACT Councillor

Katerina Stojanovski, GTANSW & ACT Councillor

A flexible, any where, any time online learning opportunity through Open Learning

Understanding the focus of the Place and Liveability unit is key for effectively teaching Stage 4 Geography in NSW.

This professional development course, created by Katerina Stojanovski and Dr Paul Batten on behalf of GTA NSW & ACT, examines strong approaches to teaching about *Place and Liveability*. The course explores influences and perceptions, access to services and facilities, environmental quality, community and enhancing liveability.

The purpose of the course is to build teachers' understanding of these key ideas. By completing the learning activities participants will demonstrate their capacity to create engaging Geography lessons.

Skills developed in this course include:

- applying knowledge of the content and teaching strategies of Geography to develop engaging teaching activities (NESA Standard 2.1.2),
- selecting and/or creating and using a range of resources, including ICT, to engage students in their learning, (NESA Standard 3.4.2) and,
- contributing to collegial discussions to improve professional knowledge and practice (NESA Standard 6.3.2).

The course is designed for flexible delivery, where participants can start, progress and finish at times convenient to them. The collaboration is in a 'pay it forward' style, where participants engage with previous contributions and contribute themselves – learning in the process, but also adding to the galleries of exemplars and case studies for future participants to review.

COST: \$90 for each GTA online course, with discounts available on multiple registrations.

COURSE REGISTRATION: Available at –

www.openlearning.com/ptc-nsw/courses/geo141

For further information about the GTA online courses contact gta.elearning@gmail.com



Geography Teachers Association of NSW & ACT, through the Professional Teachers' Council NSW – is endorsed to provide the NSW Education Standards Authority (NESA) Registered Professional Development for teachers accredited at Proficient, Highly Accomplished, and Lead Levels.

Completing the **Geography 141: Teaching Place and Liveability** on 1 November 2020 – 1 November 2021 will contribute 3 Hours of NSW Education Standards Authority (NESA) Registered PD addressing 2.1.2; 3.4.2; 6.3.2 from the Australian Professional Standards for Teachers towards maintaining Proficient Teacher Accreditation in NSW.

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Reflecting on the focus of the Place and Liveability unit helps to boost our teaching of Stage 4 Geography in NSW

This professional development course, created by Dr Paul Batten and Katerina Stojanovski on behalf of GTA NSW & ACT, examines strong approaches to teaching about Place and Liveability. The course explores influences and perceptions, access to services and facilities, environmental quality, community and enhancing liveability.

The purpose of the course is to further develop and extend teachers' understanding of these key ideas. By completing the learning activities participants will demonstrate their capacity to create engaging Geography lessons. Participants will be required to explain how they would implement engaging Geography lesson ideas and strategies in relation the Place and Liveability and share their ideas with fellow participants.

Skills developed in this course include:

- applying knowledge of the content and teaching strategies of Geography to develop engaging teaching activities (NESA Standard 2.1.2),
- selecting and/or creating and using a range of resources, including ICT, to engage students in their learning, (NESA Standard 3.4.2) and,
- contributing to collegial discussions to improve professional knowledge and practice (NESA Standard 6.3.2).

The course is designed for flexible delivery, where participants can start, progress and finish at times convenient to them. The collaboration is in a 'pay it forward' style, where participants engage with previous contributions and contribute themselves – learning in the process, but also adding to the galleries of exemplars and case studies for future participants to review.

Previous GTA NSW & ACT courses have been positively rated by participants:

"Very informative and well-structured. Everything was explained so clearly. Thank you so much!"
"That was really helpful and a great deal of really useful resources and links to sites"
"This is an accessible and easy way to learn and to improve classroom practice"

"An awesome course. One of the best I have completed. Clear instructions provided and very practical."

"I really enjoyed doing this course. Strong explanations of each skill were given with relevant activities provided to consolidate understanding, plus some really good resources."

COST: \$90 for each GTA online course, with discounts available on multiple registrations.

COURSE REGISTRATION: Available at openlearning.com/ptc-nsw/courses/geo241/

For further information about the GTA online courses contact gta.elearning@gmail.com



Geography Teachers Association of NSW & ACT, through the Professional Teachers' Council NSW – is endorsed to provide the NSW Education Standards Authority (NESA) Registered Professional Development for teachers accredited at Proficient, Highly Accomplished, and Lead Levels.

Completing the **Geography 241: Teaching Place and Liveability** on 21 September 2020 – 21 September 2021 will contribute 3 Hours of NSW Education Standards Authority (NESA) Registered PD addressing 2.1.2; 3.4.2; 6.3.2 from the Australian Professional Standards for Teachers towards maintaining Proficient Teacher Accreditation in NSW.



A flexible, any where, any time online learning opportunity through Open Learning

Understanding the focus of the Landscapes and Landforms unit is key for effectively teaching Stage 4 Geography in NSW.

This professional development course, created by Dr Paul Batten and Katerina Stojanovski on behalf of GTA NSW & ACT, examines strong approaches to teaching about *Landscapes and Landforms*. The course explores landscapes and landforms, value of landscapes and landforms, changing landscapes, landscape management and protection and geomorphic hazard.

The purpose of the course is to build teachers' understanding of these key ideas. By completing the learning activities participants will demonstrate their capacity to create engaging Geography lessons.

Skills developed in this course include:

- applying knowledge of the content and teaching strategies of Geography to develop engaging teaching activities (NESA Standard 2.1.2),
- using effective teaching strategies to integrate ICT into learning and teaching programs to make selected content relevant and meaningful (NESA Standard 2.6.2 and,
- contributing to collegial discussions to improve professional knowledge and practice (NESA Standard 6.3.2).

The course is designed for flexible delivery, where participants can start, progress and finish at times convenient to them. The collaboration is in a 'pay it forward' style, where participants engage with previous contributions and contribute themselves – learning in the process, but also adding to the galleries of exemplars and case studies for future participants to review.

COST: \$90 for each GTA online course, with discounts available on multiple registrations.

COURSE REGISTRATION: Available at –

www.openlearning.com/ptc-nsw/courses/geo142

For further information about the GTA online courses contact gta.elearning@gmail.com



Geography Teachers Association of NSW & ACT, through the Professional Teachers' Council NSW – is endorsed to provide the NSW Education Standards Authority (NESA) Registered Professional Development for teachers accredited at Proficient, Highly Accomplished, and Lead Levels.

Completing the **Geography 142: Teaching Landscapes and Landforms** on 1 November 2020 – 1 November 2021 will contribute 3 Hours of NSW Education Standards Authority (NESA) Registered PD addressing 2.1.2; 2.6.2; 6.3.2 from the Australian Professional Standards for Teachers towards maintaining Proficient Teacher Accreditation in NSW.

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