

EDITORIAL

Welcome to the Geography Bulletin, Edition 4 with many thanks to all contributing authors.

The main focus of this edition is fieldwork, particularly the creation of fieldwork activities that reflect school circumstances and local conditions. *Fieldwork Equipment and its use* provides some guidelines for selecting fieldwork equipment to develop a fieldwork kit, using equipment and collecting data in the field using traditional equipment and apps. Many thanks to Fleur Farah for *Low Cost Fieldwork in a Pandemic*, Jen Robinson for her *Sustainable Biomes Fieldwork Booklet* on soil testing and Chris Main for *Environmental Change on the South Coast*, including the accompanying Fieldwork Booklet. These articles provide teachers with examples of fieldwork they can use to develop their own activities.

In *A Geography Lesson out of every window: Fieldwork in 50*, Susan Caldis looks at fieldwork from a pedagogical perspective framed by her teaching experience in Singapore.

In his article *That's not an excursion. THIS is an excursion*. John Collins reflects on past excursion experiences including some interesting experiences in Denmark.

Additional items include classroom and assessment activities from:

- Betty Steele, *Connecting through time: 'Dating and technology'* for Interconnections
- Katerina Stojanovski, *Half a Crossword* for Urban Places and *Biospheric processes for Sustainable Biomes*
- Drew Collins, *Assessment Task* for Human wellbeing

A special edition of the Geography Bulletin will focus on Stage 6 Case Studies and be the last for the year.

Lorraine Chaffer
Editor

Coming events

A *Digital Professional Learning Package, Plan for 2021*, provides an opportunity for schools and teachers to undertake professional learning during term 4. The cost-effective package can be used by schools at a faculty or individual teacher level as a part of the term 4 registration process and during planning for 2021. See the flyer on the following pages for details.

Registered schools will have access to all presentations from Week 2, Term 4 for the remainder of the term. Presentations can be accessed at any time of day.

The GTA NSW & ACT *Online Learning* team, Paul Batten and Katerina Stojanovski, have been busy creating new NESA accredited courses on *Topographic Mapping, Place and Liveability* and *Landscapes and Landforms*. New courses are continually being added and GTANSW & ACT members have a 'Pay for 2 get 3' offer available. These popular courses provide excellent grounding for less experienced teachers and those with no geography training. The ability to undertake courses at any time is a feature appreciated by teachers.



Lorraine Chaffer, Editor



The Geography Teachers' Association of NSW & ACT



PLAN for 2021

Digital Professional Learning Package

GTA NSW & ACT PROFESSIONAL LEARNING TERM 4, 2020

WHY?

- To continue supporting Geography teachers with quality Professional Learning
- To assist the effective use of Term 4 to review teaching and learning programs and plan for 2021
- Provide a range of professional learning ideas, practices and resources in pre-recorded talks
- Broadening access to professional learning in Geography across Australia

DETAILS

- Presentations are 30–40 minutes in length to facilitate flexible use such as:
 - *Whole faculty /department viewing* – discussion and integration into 2021 programs
 - *Individual viewing* – teachers view, trial and make programming recommendations
 - *A taster of new ideas and practices* + opportunity to explore further at Annual Conference 2021
 - *Trialling new ideas* with classes in 2020
- Flexible delivery with access for the whole of Term 4
- The package will be accessible via a weblink but will not be downloadable
- A folder of support documents are included in the package.

REGISTRATION

Member schools:

- \$110 per school (Base price inc. GST) – 1 registered person with access. This would suit schools who want to use the resource with all geography teachers at a common time throughout Term 4 (led by 1 person)
- \$11 per additional teacher (inc. GST) – up to 10 teachers with individual access. This will suit schools who want to delegate responsibility to individuals OR for individual teachers to access presentations at a time that suits

Non-member schools:

- \$220 per school (Base price inc. GST) – 1 registered person with access
- \$11 per additional teacher (inc. GST) – up to 10 teachers with individual access

The Digital Learning Package is open to Geography Teachers across Australia. Members of State / Territory Associations can use their membership to get members rates.

See over for package details...

REGISTER
HERE

www.gtansw.org.au • gta.admin@ptc.nsw.edu.au • 02 9716 0378

ABOUT THE DIGITAL PROFESSIONAL LEARNING PACKAGE

PRESENTER	PRESENTATION
<p>Lorraine Chaffer Lorraine is Vice President of GTANSW & ACT and immediate past President, Annual Conference Convenor and Editor of the Geography Bulletin. Lorraine is a passionate Geographer who spends her time developing teaching resources for NSW and ACT teachers and supporting teachers at all stages of their teaching careers.</p>	<p>Welcome and organisation In the welcome Lorraine will outline ways the presentations in the package can be used for professional development during Term 4, 2020 and will showcase a range of Professional learning materials and events currently available through GTA NSW & ACT.</p>
<p>Melissa Kophamel The Big Issue Melissa is The Big Issue Classroom Program Coordinator for NSW and ACT.</p>	<p>Virtual Fieldwork: Big Issue Classroom The Big Issue Classroom's short promotional video provides an introduction to our most popular workshop, 'Discussions about Homelessness and Disadvantage'. We provide information about how to access our workshops via our interactive online eClassroom, along with details regarding links between The Big Issue Classroom workshops and the Australian/NSW Geography Curriculum.</p>
<p>Dr Karen Joyce She Maps I believe there's a science for everyone, you just need to know where to look! I share my experiences drawn from more than 20 years as a geospatial scientist in academia, military, industry, and small business to help people discover science beyond lab coats and test tubes.</p>	<p>Map my school – Spatial technologies Most of us have heard about the importance of STEM (science, technology, engineering, and maths) education and STEM in the workforce. Unfortunately, STEM is also a clique, and one in which geography is not invited. With government education investment priorities firmly nested in STEM, we need to ensure that geography and geospatial skills aren't left by the wayside. Luckily, I have the perfect geography project to initiate at your school that fits perfectly into a STEM framework. With our Map My School project, I invite you and your students to work out how cool your school is.</p>
<p>Summer Howarth Eventful Learning Co. Summer is founder of The Eventful Learning Co., highly regarded in the education community across Australia. An accomplished learning designer & events producer, Summer works with teachers, students and community leaders to solve learning engagement challenges and is passionate about unleashing powerful strategies through innovation methods.</p>	<p>Design thinking in the Geography classroom – Creativity and critical thinking Summer will share a process to unlock ideas and design engaging experiences for geography students in the classroom and the field. We will be developing a collaborative set of ideas and tools as you explore how to embed design thinking methods into your practice. Part 1: Design Thinking Part 2: Design Thinking – Interactive with a MIRO board</p>
<p>Khya Brooks Elizabeth Macarthur High School Relieving Head Teacher of Social Sciences at a partially selective high school in South-Western Sydney. This context has provided Khya with the skills to both extend and support students from a variety of backgrounds and abilities in an engaging and informative way.</p>	<p>Creativity in Geography This session will look at easy strategies that can be employed to add creativity to the Geography classroom. The session aims to provide an overview of strategies that can be easily applied to a variety of geography topics to improve student engagement, extend gifted students, support lower order students and improve all students' geographic knowledge, skills and holistic and conceptual thinking. Many of these strategies can be employed as larger problem based learning inquiries, or implemented irregularly to promote student engagement and reflective thinking skills. Resources are also provided to support teachers in their implementation.</p>
<p>Kris Beazley & Lynne Strong Picture You In Agriculture Kris is the Principal, Centre of Excellence in Agricultural Education, Richmond Agricultural College. Kris is a passionate advocate for the sustainable futures from an environmental, agricultural/STEM/Geo and careers/employment perspective. Lynne is the founder of Picture You in Agriculture initiatives, The Archibull Prize and Kreative Koalas which enable teachers to empower young people to reach their full potential through life-long learning and support. Ensuring location, economic status nor age should preclude individuals or their communities from fulfilling their dreams.</p>	<p>Trans-disciplinary learning Kris will lead you through effective examples of trans-disciplinary learning models for primary and secondary students. Kris and Lynne are passionate advocates for the sustainable futures from an environmental, agricultural/STEM/Geo and careers/employment perspective. Both have led successful programs that have at their core partnered learning opportunities that facilitate a deep understanding of real world issues and their alignment to core curriculum knowledge and skills, the development of creative and critical thinking skills, teamwork, communication, problem solving, research and design thinking capabilities and project management. The programs delivered have also had a strong focus on career development for students from Stage 3 to Stage 6.</p>

See over for more details...

PLAN FOR 2021

ABOUT THE DIGITAL PROFESSIONAL LEARNING PACKAGE

<p>Steven Smith and Chris Betcher Google for Education</p> <p>Steve is a former geography teacher and self confessed geonerd, and is based in Auckland, NZ. Steve is the New Zealand Education Lead for the Google for Education team and helps schools across the country work with GSuite, Classroom, Chromebooks, and of course Google's awesome geo tools.</p> <p>Chris is a passionate Australian educator with over 30 years of classroom experience. He is currently the Program Manager for G Suite Adoption with the Google for Education team in Sydney. He has presented workshops to educators around the world in the effective use of technology for teaching and learning, and in 2003 was recognised as the Australian ICT Educator of the Year.</p>	<p>Remove the walls of your classroom with Google Earth</p> <p>Google Earth – Part 1: Exploring Part 2: Creating</p> <p>This workshop is divided into two parts. Part 1, Exploring, will teach you about the amazing features built into the new web-based version of Google Earth, including Voyages, Streetview and 3D imagery.</p> <p>In Part 2, Creating, you will learn to use the new Projects tool to create your own customised Earth voyages. These can be used by any grade level to tell almost any story about our world and the people in it.</p>
<p>Mick Law Contour Education</p> <p>Mick is at the forefront of geographical education in Australia with a wealth of experience implementing geospatial programs in Australian schools for more than two decades. At Contour Education we recognise the significance of geospatial technologies to geographical education through classroom teaching, developing resources, working with educators and advocating for these tools.</p>	<p>Spatial technology and Fieldwork Place and Liveability, Urban Places, Environmental change</p> <p>Learn how to represent the data that you have collected in the field in this session. We'll use noise data from around the school and water quality data from a local creek, but you'll learn how to map any data that you have collected in the field.</p>
<p>Catherine Kerr, NSW Department of Planning, Industry and Environment and Lorraine Chaffer, GTANSW & ACT</p> <p>Catherine is a Coastal Geographer who has worked in the fields of Coastal Management, storm tide emergency management, stakeholder engagement and science communication. She has a Postgraduate Diploma of Education in Geography, and currently works as a Climate Change Adaptation Information Delivery Officer for the NSW Government.</p>	<p>Tweed Sand Bypassing Environmental change and management</p> <p>Tweed Sand Bypassing (TSB) is a long-term coastal management solution located on the border of NSW and Queensland. This webinar will provide general information on TSB, before introducing the Schools Package – a complete unit of work for the Stage 5 topic area Environmental Change and Management. A collaborative project between GTA NSW and TSB, the package is innovative and highly visual. It contains a series of chapters on coastal change and management, before using TSB and Waikiki Beach, as detailed and highly applicable case studies. The package also contains a stimulus sheet with real world geographic information</p>
<p>Sally Lawrence Black Cockatoo</p> <p>Sally is lead author of the award-winning series <i>Our Land, Our Stories</i> from AIATSIS and Nelson Cengage and winner of the Queensland Reconciliation Awards 2020, Partnerships category: Kids in Action, Environmental Education program on the Sunshine Coast with Jinibara and Gubbi/Gubbi communities. Working nationally, Sally supports educators to build Cultural Capability within their pedagogical practice.</p>	<p>Building cultural capabilities</p> <p>Breaking down barriers to build cultural capability is both a personal and professional journey. If we weren't taught this as a part of our pre-service training, we need to actively acquire the skills, knowledge and experiences required to be confident to meet our Professional Standards for Teachers, particularly 1.4 and 2.4. Let Sally support you to develop culturally appropriate pedagogy that you can embed within your teaching even when the content is not Indigenous. 8 Aboriginal ways of Learning and Uncle Ernie's Holistic Framework are two pedagogical frameworks that will build confidence to embed First Nations perspectives in your teaching and learning.</p>

SPONSOR



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