Geography Network HEP 2

Spring 2022 Paula Owens



With instructions from @DarrellWakelam www.darrellwakelam.com



The London West Alliance is pleased to invite you to an afternoon CPD facilitated by

Dr Paula Owens

HOW TO DELIVER WONDERFUL GEOGRAPHY LESSONS

Mapping is a key skill in geography and offers countless opportunities to help us navigate, investigate, represent, and communicate the wonders of the world around us. We will explore how we can build a sense of place, environment and scale, and develop children's geographical understanding by ensuring this essential skill is woven across the geography curriculum.

In this first of three sessions, we will think about ways that children can both use and make maps, and how we can plan this into a meaningful curriculum with both coherence and progression in mind. The second session will focus on doing wonderful geography and the third on celebrating it. Although each of these will be a stand-alone session, it would be ideal if participants could join this participative and interactive geography CPD journey for all three.

> Session 1 MAPPING WONDERFUL GEOGRAPHY - Webinar Tuesday 23rd November 2021 From 4:00 - 5:30pm

Session 2 DOING WONDERFUL GEOGRAPHY - Webinar

Wednesday May 2022 4 - 5:30 pm

Session 3 CELEBRATING WONDERFUL GEOGRAPHY

Friday 8th July 2022 From 4:00 - 5:30pm

at Lampton School, Lampton Avenue, Hounslow TW3 4EP

Three sessions to build scholarship and practice.

- Develop as a subject leader
- Develop curriculum
- Adopt, adapt and innovate practice
- Create meaningful fieldwork
- Share practice with school, community and beyond

	Items	
1	Welcome &	Paula Owens will be hosting the meeting.
	introduction	
2	News & Updates (HEP + subject national update)	Paula will update everyone on relevant news about primary geography including any national subject updates, resources and events. Please do bring and share any information you have relevant to the network.
3	Matters arising from previous meeting	Did you find any of the resources or ideas shared at the last meeting useful? Have you found the Padlet wall useful? A chance to feedback.
4	Spotlight question /	What are the ingredients of high-quality, local fieldwork?
	theme	Children need opportunities to engage with geographical fieldwork that supports the
	(input from	curriculum, involves purposeful data collection, and deepens knowledge and understanding
	facilitators)	of the local area. Ofsted has identified fieldwork as an area for development in primary schools. Where to start?
5	Group discussion	What fieldwork is already happening? What will your priority for development be?
6	Subject resources	A progression framework for fieldwork by Julia Tanner Progression in geographical fieldwork
		experiences (geography.org.uk) The full version of this resource and article can be downloaded from
		the Geographical Association website for free by members. I can make available the draft version with
		its audit and framework.
7	Next meeting focus	To be discussed
8	Evaluation	

Progression in Mapping EYFS – KS1

EYFS	Using and Interpreting	Position and orientation	Drawing	Symbols	Perspective and Scale	Digital Maps
Birth to 3	Use all their senses in hands-on exploration of natural materials. Beginning to use pictorial maps for play e.g. a road map for cars, a farm map for animals.	Point in the direction of features when asked. Follow simple instructions to look or move in a certain direction.	Enjoy drawing and mark – making. Express ideas and feelings through making marks, and sometimes give a meaning to the marks they make.	Begin to notice simple patterns. Begins to use objects symbolically e.g. a banana for a telephone.	Use pretend play and start to compare sizes between models and reality.	Recognises that maps like SatNavs help you find your way. Begins to play with online video games where you manipulate a character in space.
Nursery 3-4	Begin to understand that maps hold information in patterns and print. Use maps for pretend play. Make imaginary maps with marks that have meaning. Follow simple routes on maps. Use journey strings or sticks to record information on a route, Recall the journey and sequence the event, using the string or stick as a map.	Describe a familiar route. Discuss routes and locations, using words like 'in front of' and 'behind'. Beginning to use 'right and left' with increasing confidence.	Create closed shapes with continuous lines and begin to use these shapes to represent objects and features. Draw maps using shape and purposeful mark- making.	Use some symbols as cues e.g. follow painted footsteps on a playground. Use objects as symbols to represent other objects e.g. line of sticks as a road.	Talk about distance and know that some places are further away than others. Begin to explore scale through small world play.	Recognise some features at a large scale, using aerial views. eg the cars in the car park, the school building. Play simple digital games moving figures on a plan view e.g. of a room.
Reception 4-5	Derive information from a simple map. Use a simple plan map of the school grounds to find and / or mark in features. Follow a simple route at a local scale, using familiar landmarks. Use journey sticks or strings to create simple drawn maps.	Point to the North and South Poles on a globe. Use a compass to identify the direction of North. Use more complex directional language and confident using right' and 'left'.	Draw and create simple maps from memory about features and a familiar environment e.g. home, the school grounds.	Begin to use simple symbols on maps to show features and journeys. Recognise the use of symbols on maps and what they mean.	Start to gain knowledge of their own country and its features. Zoom in to a map to find the school using a postcode. Know that you need to zoom out to see a larger area.	Manipulate and annotate large scale maps, adding simple text, markers, and photographs.

Free Guide to support geography and maps through the new EYFS framework.





Location In the Geography Subject Review. Ofsted (2021) note the importance of the early years in laying foundations for geographical knowledge and skills. Locational knowledge for example, essentially begins in the early years and is developed through curriculum planning....

Maps and mapping in the early years (ordnancesurvey.co.uk)



LODBSBBBB

Pre-order now:

Sustainability Education

A Classroom Guide

Stephen Scoffham & Steve Rawlinson

"The guide is an essential reading for those who engage in teaching and learning about the earth. The book is a capsule on sustainability on understanding the topic, its place in curriculum and teaching pedagogies. It discusses the current needs in transforming education to address the demands of the planet." *Radhika Iyengar, Director of Education, Center for Sustainable Development, The Earth Institute, Columbia University, USA*

"The educational system we have today was designed to suit the needs of the 19th and 20th century. Now that system is fast becoming out of date! *Sustainability Education* is a timely book outlining an education fit for the 21st century. The authors and contributors have presented a practical way forward to transform teaching in schools from job centred education to life centred and nature centred education. Every teacher concerned with the wellbeing of people and our precious planet Earth should use this publication as a handbook for regenerative learning." *Satish Kumar, Founder, Schumacher College and Editor Emeritus, Resurgence & Ecologist, UK*

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UPDATES and resources

RGS: Shackleton



Royal Geographical Society - Geography resources for teachers (rgs.org)



A story of adventure and leadership

Downloads Shacklefor's Endurance - A story of adventure and leadership (pot) Tesches notes (pdf) Part 1 the Expedition - Leadher notes (pdf) Part 1 the Expedition - Leptores leadher notes (dead) Part 1 the Expedition - Explorers - tescher notes (odf) Part 1 the Expedition - Explorers - tescher notes (coff) Part 1 the Expedition - Explorers examply (opb)

Part 1 The Expedition - Parallel

ENDURANCE22

All maps & displaying spheral society

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Royal Geographical Society - Geography resources for teachers (rgs.org)

With instructions from @DarrellWakelam www.darrellwakelam.com





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RGS: Young Geographer of the Year

This year's **Young Geographer of the Year** competition is now open for entries and has the theme 'Where, how and why?'. The competition, run in partnership with *Geographical* magazine, gives students the opportunity to discuss a place they want to visit, how they'd get there and why they want to go there.

There are four categories for entrants: **KS2 (pupils aged 9-11)** is one.

The <u>Rex Walford Award</u> runs alongside the Young Geographer of the Year competition and is open to **trainee and early career teachers**. Teachers must produce a scheme of work, covering at least three lessons, focusing on the theme 'Where, how and why?'.

The deadline for both competitions is 5.00pm on **Monday 3 October** and entries must be received as an online submission <u>via our website</u>.



National Fieldwork Week 6-10th June 2022



Home Teaching Resources Journals Training a





NFW Certificate Final (geography.org.uk)

The GA is encouraging schools to take part in **National Fieldwork Week**, to be held in the Summer term in the week **6 to 10 June 2022**.

National Fieldwork Week (geography.org.uk)

Download a ppt presentation about fieldwork



Stay Home Stories a suite of free mapping activities and lesson plans for KS1 and 2 <u>Royal</u> <u>Geographical Society -</u> <u>Geography resources</u> for teachers (rgs.org)

Noticing the everyday wonders

What's special where we live? Which places or features are the most important and why?



Gresford Primary pupils explore what's on their doorstep.





Stay Home Stories

Pupils explore their town centre, Croydon by looking carefully, and in new ways.

Data Collection





Journey Sticks

Questioning and 'Drifts'

Recording sensory data

Royal Geographical Society - Geography resources for teachers (rgs.org)

Risk Assessment

remorial Hall - Kisk Assessment stay away from people playing football because ball's could hit you watch carefully where you are going as there might be thingis on the ground you may top over. watch out for nottles a vivy. Some people are allergic walk on the pavement or path. do not pick up strange dyeits on the ground. be careful when crossing a road - look both ways stay together and by grown-ups. don . t louch prickly plants . don't strake dogs

All Saints Primary in Gresford

Pupils used maps and websites to carry out their own risk assessment before going out.

Walk to choren tower to		Who is responsible:
Danger or Hazard	Action Needed What can I do?	(second te
Cars driving	Stop and wait until the theacher says you can	the Me
We gall ogg the Lop.	Be caregul not to push or rudge people over because	Me
Tripping over steps.	Don't push throw the line Be caregul.	Me
down the	Walk sensibly Walk down story	

Locational	Year 1	Year 2	Year3	Year 4	Year 5	Year 6			
Knowledge	North and South Poles, Equator, 4 Compass		Latitude, longitude, Equator, N. & S. hemispheres, Tropics Cancer & Capricorn, Arctic and Antarctic Circle, Prime / Greenwich Meridian &						
U U	points N, S, E, W Locational language, name &		time zones, 8 Compass points, 4 & 6 figure grid references. Locate world's countries, Europe, (including location of Russia), Americas,						
	locate: 7 continents & 5 oceans. Name, locate,		concentrating on regions, key physical and human characteristics, countries, major cities. Counties, cities, geographical regions,						
	identify: 4 countries ar	nd capitals of UK &	characteristics, topographical featu	res, land use & changes over time.					
	surrounding seas.								
GA Benchmarking	Have simple locational	l knowledge about	Have begun to develop a framewor	k of world locational knowledge,	Have a more detailed and extensi	ve framework of knowledge of			
$2 \pm 2 \cos 7$ 0 11	individual places and environments, especially in		including knowledge of places in the local area, UK and wider world, the world, including globally significant physical and humar						
at ages 7, 9, 11	the local area, but also in the UK and wider		and some globally significant physical and human features. features and places in the news.						
	world.								
Place	INCLUDE a Local scale study UK & Non -		INCLUDE a Regional comparison UK, European country, North or South America						
knowledge	Europe	ean country			1				
Human,	Identify seasonal & da	ily weather patterns (UK &	Describe and understand key aspec	ts of: Climate zones, biomes, veget	ation belts, rivers, mountains, volca	anoes, earthquakes, water cycle			
physical &	hysical & local scales) Identify hot & cold areas of the		Types of settlement & land use, economic activity, trade links, distribution of natural resources; energy, food, minerals, water cycle,						
environmental	world in relation to Equator & North & South								
processes	Poles								
CA Development in a	Characteristics of the set	all and the second second		a de set e a d'acte a faile a l'ale a consider		a subscription of the second states in the			
GA Benchmarking	Show understanding b	y describing the places	Demonstrate their knowledge and the	understanding of the wider world	Understand in some detail what a	number of places are like, now			
at ages 7, 9, 11	and features they study using simple		by investigating places beyond their	rimmediate surroundings,	changing. They know about some spatial patterns in physical and				
	geographical vocabulary, identifying some		including numari and physical features	res and patterns, now places	human geography, the conditions which influence those natterns				
	similarities and differences and simple patterns		change and some links between per	opie and environments. They	and the processes which lead to change. They show some				
	in the environment.		become more adept at comparing p		understanding of the links between places, people and				
			reasons for similarities and differen	ces.	understanding of the links betwee	an places, people and			
	Begin to ask questions	Identify places using	Develop questioning Locate descri	be explain using maps (including O	renvironments.	pping measure record and			
SKILLS	mans atlases globes aerial images & plan		communicate using a range of methods including mans plans graphs writing at length. Fieldwork in local & wider localities & more distant						
Enquiry, mapping,	, nerspectives, make mans, devise hasic symbols		locality – residential						
fieldwork etc	fieldwork geographical vocabulary		locality – residential.						
		ar vocabulary.							
GA Benchmarking	Be able to investigate	places and environments	Be able to investigate places and er	vironments by asking and	Be able to carry out investigations	s using a range of geographical			
at ages 7, 9, 11	by asking and answering questions, making		responding to geographical questions, making observations and using questions, skills and sources of information including a variety of						
	observations and using sources such as simple		sources such as maps, atlases, globe	es, images and aerial photos. They	maps, graphs and images. They ca	an express and explain their			
	maps, atlases, globes.	images and aerial photos.	can express their opinions and reco	gnise that others may think	opinions, and recognise why others may have different points of				
			differently.	<u> </u>	view.				

Early experiences in the Early Years Foundation Stage (ages 3-5)

Young children in the Early Years Foundation Stage (EYFS) should have plentiful opportunities for free exploration of their EYFS setting and outdoor area, and to make visits to places in the immediate vicinity, e.g. local streets, park, shop, church or mosque, etc. They can explore these places through first-hand sensory exploration, observation, and talk. They should have opportunities to ask questions and follow their own interests. These early opportunities will provide opportunities for language development as they name and describe what they see in discussion with peers and adults.

Young children should be provided with opportunities to

- explore their setting outdoor area, noticing and naming its features e.g. play equipment, different areas and surfaces, flower beds
- experience different weather conditions and their impact on the environment
- examine and discuss natural objects e.g. autumn leaves, twigs, stones
- explore the immediate vicinity of the setting through walks and visits to selected sites

During and after their explorations, children should have opportunities to record what they observe and have noticed by

- using small world play or the role play area to represent a visited place
- making drawings e.g. of their favourite place in the outdoor area, what they saw at the park, etc.
- taking digital photographs e.g. of a collection of natural objects, buildings in the locality, etc.
- sequencing photographs to recall features seen on a visit or short walk in the setting vicinity
- drawing a map e.g. of the setting outdoor area
- counting e.g. cars parked outside the school at the start/end of the day
- express their feelings about places they visit, saying which features they like/dislike

F	Fieldwork opportunities	KS1	Fiel	eldwork techniques KS1
	Pupils in KS1 should be provided with oppo	ortunities to	Pup	upils should have opportunities to plan and conduct geographical investigations which
	 investigate the physical and human features school grounds, naming and describing 	eatures of the school and ng what they see e.g. different	inclı ana	clude fieldwork, and to develop skills in a range of simple techniques for collecting, nalysing, and presenting what they learn through fieldwork, including
	areas (playground, carpark, field, wild used, routes around the school site, p	life area) and how they are eople's jobs, places that have	•	using small world play, model making, or the classroom role play area to represent a visited place e.g. a shop, library, or Health Centre
	 been/could be improved, etc investigate different weather condition 	ons through observation and	•	adding details to a teacher-prepared drawing e.g. adding doors, windows, and other features to the sketched outline of a house
	by making and using simple measurer wind direction and measure rainfall	ment devices e.g. to observe	•	making annotated drawings e.g. to show variations in a row of houses in a local street drawing a freehand map e.g. of the school grounds, or local street or park
	 observe and record seasonal changes local area e.g. in flowering plants and 	in the school grounds and deciduous trees	•	relating a large-scale plan of e.g. the school grounds or a local street, to the environment, identifying known features
	 explore the local area of the school to buildings, roads, green spaces, and ot 	investigate the range of her local features	•	marking information on a large-scale plan of e.g. the school grounds or a local street, using colour or symbols to record observations
	 visit some local facilities e.g. shops, a talk about what happens there and in 	library, a health centre and vestigate why people go there	•	use a simple compass and compass directions (north, south, west, east) taking digital photographs e.g. of buildings in the locality, things seen on a bus journey
	 take a short journey by bus, tram, or t more distant site which contrasts with 	rain to investigate a slightly n the immediate local area	•	making digital audio recordings e.g. when interviewing someone (shop worker, librarian, nurse, etc) about their job
	 visit a park or local green space to obs features, and to investigate how peop 	serve its physical and human le use and enjoy it	•	collecting quantitative data to e.g. create a pictogram of favourite places to play, or how children travel to school
	 investigate environmental issues in th e.g. lack of play facilities, where litter 	e school grounds or local area collects, road safety issues.	•	using a questionnaire to e.g. find out the most popular options for improving playtimes collecting and sorting natural objects (e.g. autumn leaves, twigs, stones) to investigate
,	Julia Tanner 2020 (Primary Geo	graphy Spring 2021)	•	their properties using a simple recording technique (e.g. smiley/sad faces worksheet) to express their feelings about specific places, explaining why they like/dislike some of its features

Developing fieldwork experiences in Lower Key Stage 2 (ages 7-9 years) Pupils in LKS2 should continue to have a wide range of fieldwork experiences, including free exploration and imaginative engagement and more structured enquiries which involve the use of more specific fieldwork techniques to record field data to answer geographical questions. The school grounds and the local area will provide many opportunities for children to plan and conduct geographical enquiries which involve fieldwork. In LKS2, pupils should have more opportunities to visit unfamiliar places to extend their knowledge and understanding of the wider world, and to develop and apply their fieldwork skills. As with younger pupils, fieldwork should continue to involve opportunities for first-hand sensory exploration, observation, and discussion with peers and adults.

Fieldwork investigations in LKS2 should be linked to the themes and topics in the Key Stage curriculum plan. Fieldwork opportunities should be planned to enhance and enrich children's knowledge and understanding of places, and of physical, human and environmental geography.

 Pupils in KS2 should be provided with opportunities to use the school and its grounds as a site for studying aspects of physical and human geography by investigating questions such as 'Where does the water go when it rains?', ' How do we travel to school', and ' Where does the food for 	e opportunities to plan and conduct geographical investigations fieldwork, and to develop skills in a range of standard techniques ysing, and presenting what they learn through fieldwork, els, annotated drawings, and field sketches to record observations
 use the school and its grounds as a site for studying aspects of physical and human geography by investigating questions such as 'Where does the water go when it rains?', ' How do we travel to school', and ' Where does the food for 	ysing, and presenting what they learn through fieldwork,
	ls, annotated drawings, and field sketches to record observations
school dinners come from?'	
 when learning about the water cycle, weather and climate, investigate and drawing freeh 	hand maps e.g. of a short walk to a site in the local area
record different weather phenomena through observation and by using • relating a larg	e-scale plan of the local area or fieldwork site to the
standard measurement devices e.g. a thermometer, rain gauge and environment,	identifying features relevant to the enquiry
anemometer • recording sele	ected geographical information on a map or large-scale plan, using
 when learning about biomes and vegetation belts, visit a woodland to study colour or sym 	bols and a key
the trees, plants, and animals, as an ecosystem• taking digital	photographs, annotating these with labels or captions
 when learning about land use, investigate local buildings, land use, and local making digita 	l audio recordings e.g. to record traffic noise
facilities, and explore issues of environmental quality and value by, e.g. • collecting, and	alysing, and presenting quantitative data in charts and graphs
 investigating which spaces or places are valued by the local community when learning about economic activities, investigate local shops to find out and compare 	l using a questionnaire to collect quantitative data, e.g. to find out how far people travel to a local supermarket and corner shop
how far people come to use them, and why, or investigate local journeys and • designing and	conducting interviews, e.g. to investigate which spaces or places
routes, including road safety, public transport provision, and facilities for to	
 more sustainable travel choices when learning about natural resources, explore issues of sustainability in survey 	sampling techniques, e.g. time sampling when conducting a traffic
everyday life e.g., energy use and generation, water supply and use • using a simple	e Likert Scale to record their judgements about environmental
 take fieldtrips more distant places to investigate their physical and human 	ets near the school
geography, e.g. a farm, water treatment plant, botanical gardens, etc, as	simple method of recording their feelings about a place or site.
appropriate to the curriculum plan	
Julia Tanne	er 2020 (Primary Geography Spring 2021)

Extending fieldwork experiences in Upper Key Stage 2 (ages 9-11 years)

Pupils in UKS2 should continue to have a wide range of fieldwork experiences, including free exploration and imaginative engagement and more structured enquiries which involve the use of more specific fieldwork techniques to record field data to answer geographical questions. The school grounds and the local area will provide many opportunities for children to plan and conduct geographical enquiries which involve fieldwork. In UKS2, children should have more opportunities to visit unfamiliar places, including, where possible, a residential visit. As with younger children, fieldwork should continue to involve opportunities for first-hand sensory exploration, observation, and discussion with peers and adults.

Fieldwork investigations in UKS2 should be linked to the themes and topics in the Key Stage curriculum plan. Fieldwork opportunities should be planned to enhance and enrich children's knowledge and understanding of places, and of physical, human and environmental geography.

Julia Tanner 2020 (Primary Geography Spring 2021)

Fieldwork opportunities			Fieldwork techniques		
Cł	nildren in UKS2 should be provided with opportunities to	Ch	nildren should have opportunities to plan and conduct geographical		
•	use the school and its grounds as a site for studying aspects of physical and human geography by investigating questions such as 'How can our school reduce its plastic waste?', and ' How can	inv sta thr	vestigations which necessitate fieldwork, and to develop skills in a range of Indard techniques for collecting, analysing, and presenting what they learn rough fieldwork, including		
	we make our school grounds more bee friendly?'	•	making models, annotated drawings, and field sketches to record		
•	when learning about rivers, visit a local stream or river, to		observations		
	investigate its physical features (meanders, sites of erosion and	•	drawing freehand maps e.g. of a visited site		
	deposition, etc.) and its use by people now and in the past	•	relating large-scale plans to the fieldwork site, identifying features relevant		
•	when learning about settlements, investigate buildings, land		to the enquiry		
	use, and local facilities, and how these have changed over time, and investigate local development plans through visits to	•	recording selected geographical data on a map or large-scale plan, using colour or symbols and a key		
	derelict sites, empty shops or buildings, or places where road/	•	taking digital photographs, annotating these with labels or captions		
	housing/industrial/retail/leisure schemes are proposed	•	making digital audio recordings e.g. to create soundscapes		
•	when learning about economic activities, investigate the range and location of primary, secondary and, tertiary economic activities in the local area	•	collecting, analysing, and presenting quantitative data in charts and graphs designing and using a questionnaire to collect quantitative data, e.g. to find out and compare pupils' views on plastic waste		
•	when learning about natural resources and trade, explore issues of sustainability in everyday life e.g., how everyday goods such	•	designing and conducting interviews, e.g. to establish the range of views local people hold about a local development proposal		
	as food crops and clothing are grown/manufactured and	•	using simple sampling techniques, e.g. time sampling when conducting a		
	traded, and consumption, waste, and recycling.		traffic survey		
•	take fieldtrips to unfamiliar environments to investigate their	•	designing and using a tool to record their feelings about the advantages		
	physical and human geography of, e.g. a mountain, a rural area,		and disadvantages of e.g., a proposed development		
	a beach, as appropriate to the curriculum plan.	•	to conduct a transect e.g. along a road to observe changes in buildings		
	Julia Tanner 2020 (Primary Geography Spring 2021)		and land use.		

Our Padlet

https://padlet.com/p_owens90/onz45im2gseqpx24

Please can you complete the evaluation? Thank you.

Next meeting

24th May 2022

https://www.hounsloweducationpartnership.co.uk/survey/primary-subject-network-evaluation-2/