

Geography Hub – List of Contents

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Module/ Unit Name	Resource	Video	Length	14-16	16-18
Geography 14-16 Library: A collection of short videos to use in class along with ready-made resources to use indoors or outside.					
RIVERS					
Field sketching	✓	✓	2 mins	✓	
River measurements	✓	✓	6 mins	✓	
Channel morphology (With GA)		✓	8 mins	✓	
River flow velocity (With GA)		✓	5 mins	✓	
River sediment characteristics (With GA)		✓	6 mins	✓	
COASTS					
Field sketching	✓	✓	7 mins	✓	
Beach profiling	✓	✓	7 mins	✓	
Measuring sediment (Power's scale of roundness)	✓	✓	10mins	✓	
Coastal management strategies fieldwork	✓	✓	9 mins	✓	
ArcGIS StoryMap: Impact of management on beach characteristics	✓			✓	
URBAN & RURAL					
Environmental Quality Assessment	✓	✓	5 mins	✓	
Bipolar scale: An example for environmental quality assessment	✓	✓	3 mins	✓	
Question types in questionnaire design		✓	3 mins	✓	
ArcGIS StoryMap: Urban Geography fieldwork (with OCR & ESRI)	✓			✓	
Annotated field sketches	✓			✓	
Capturing perceptions of change	✓			✓	
Rephotography	✓			✓	
GIS - GEOGRAPHICAL INFORMATION SYSTEMS					
What is ArcGIS and how do I access it?		✓	3 mins	✓	
GIS examples for the classroom		✓	3 mins	✓	

Module/ Unit Name	Resource	Video	Length	14-16	16-18
Geography 16-18 Library: A collection of short videos to use in class along with ready-made resources to use indoors or outside.					
WATER CYCLE					
Introduction to the water cycle		✓	1 min		✓
Measuring soil moisture content		✓	7 mins		✓
Measuring soil texture	✓	✓	6 mins		✓
Storm simulation plots		✓	3 mins		✓
ArcGIS StoryMap: Hyrdology and flooding in the Upper Aire catchment	✓				✓
CARBON CYCLE					
Introduction to the carbon cycle		✓	4 mins		✓
Measuring carbon content in trees	✓	✓	13 mins		✓
Measuring carbon content in soil	✓	✓	11 mins		✓
Tree biomass conversion charts	✓				✓
Reference sheet for carbon calculations	✓				✓
PLACES, INEQUALITIES & REGENERATION					
Urban drifting	✓	✓	4 mins		✓
Geographical lenses: An introduction		✓	6 mins		✓
Applying geographical lenses: An example of Dedham.		✓	3 mins		✓
Environmental Quality Assessment – Bipolar and weighted scales	✓	✓	3 mins		✓
Question types in questionnaire design	✓	✓	3 mins		✓
Concept mapping		✓	7 mins		✓
Emotion mapping	✓	✓	2 mins		✓
ArcGIS StoryMap: Investigating place	✓				✓
Mapping Smellscapes	✓				✓
Shopping basket survey	✓				✓
Exploring historic maps & goad maps	✓				✓

Module/ Unit Name	Resource	Video	Length	14-16	16-18
Geography 16-18 Library continued... A collection of short videos to use in class along with ready-made resources to use indoors or outside.					
COASTS					
Annotations for field sketches and photographs	✓	✓	3 mins	✓	✓
Beach Profiling	✓	✓	7 mins		✓
Measuring sediment: Power's Scale of Roundness	✓	✓	10 mins		✓
Measuring sediment: Axes		✓	6 mins		✓
Measuring sediment: Wentworth Scale		✓	6 mins		✓
Flood risk assessment	✓	✓	8 mins		✓
Aeolian processes and dune formation		✓	5 mins		✓
Introduction to sand dune formation		✓	2 mins		✓
Succession in a sand dune system		✓	5 mins		✓
GLACIATION					
Measuring striations	✓	✓	7 mins		✓
Measuring till	✓	✓	7 mins		✓
GIS - GEOGRAPHICAL INFORMATION SYSTEMS					
What is ArcGIS and how do I access it?		✓	3 mins		✓
Introduction to the ArcGIS Analysis tools.		✓	4 mins		✓
GIS examples for the classroom		✓	2 mins		✓
Chi Squared test: A worked example		✓	12 mins		✓
Spearman's Rank: A worked example		✓	12 mins		✓
Student's T-test: A worked example		✓	9 mins		✓
Enhancement Modules					
QUALITATIVE DATA					
Video supported by resource sheets and workbook	✓	✓	29 mins	✓	✓
QUANTITATIVE DATA					
Video supported by resource sheets and workbook	✓	✓	29 mins	✓	✓

Module/ Unit Name	Resource	Video	Length	14-16	16-18
Virtual Fieldwork					
WATER					
Teacher guidance, student workbook, data sheet & ArcGIS StoryMap	✓				
Introduction to the investigation including student work booklet	✓	✓	17 mins		✓
Fieldwork video lesson including student work booklet	✓	✓	70 mins		✓
Follow up video lesson including student work booklet	✓	✓	58 mins		✓
CARBON					
Teacher guidance, student workbook & ArcGIS StoryMap	✓				
Introduction to the investigation including student work booklet	✓	✓	19 mins		✓
Fieldwork video lesson including student work booklet	✓	✓	48 mins		✓
Follow up video lesson including student work booklet	✓	✓	65 mins		✓
COASTS					
Teacher guidance, student workbook, data sheet & ArcGIS StoryMap	✓				
Introduction to the investigation including student work booklet	✓	✓	23 mins		✓
Fieldwork video lesson including student work booklet	✓	✓	90 mins		✓
Follow up video lesson including student work booklet	✓	✓	38 mins		✓
PLACE					
Teacher guidance, student workbook, data sheet and ArcGIS StoryMap.	✓				✓
Introduction to the investigation including student work booklet	✓	✓	34 min		✓
Fieldwork video lesson including student work booklet	✓	✓	59 min		✓
Follow up video lesson including student work booklet	✓	✓	36 min		✓
RIVERS					
Teacher guidance & student workbook	✓			✓	
Introduction to the investigation including student work booklet	✓	✓	26 min	✓	
Fieldwork video lesson including student work booklet	✓	✓	45 min	✓	
Follow up video and work booklet	✓	✓	34 min	✓	