

14–16 Geography

Topic	Description of resource	Length (mins)
Rivers	Video: Field sketching	2
	Handout: Field sketching	
	Video: River measurements	5
	Handout: River measurements	
	Links: TfG rivers fieldwork videos	5, 6, 7
Coasts	Video: Field sketching	7
	Handout: Field sketching	
	Video: Beach profiling	7
	Handout: Beach profiling	
	Video: Measuring Sediment - Power's Scale of Roundness	10
	Handout: Measuring sediment	
	Video: Coastal management strategies	8
	ArcGIS StoryMap: Impact of management on beach characteristics	
Urban/Rural	Video: Environmental Quality Assessment	5
	Handout: Environmental Quality Assessment	
	Video: EQA – bipolar and weighted scales	3
	Handout: Example of a bipolar scale for EQA	
	Video: Question types in questionnaire design	3
	ArcGIS StoryMap collection: Urban Geography Fieldwork	
	Handout: annotated field sketches	
	Handout: Capturing perceptions of change	
	Handout: rephotography	
ArcGIS	Video: What is ArcGIS and how do I access it?	2
	Video: GIS: Examples for the classroom	2

16–18 Geography

Topic	Description of resource	Length (mins)
Coasts	Video: beach profiling	7
	Handout: beach profiling	
	Video: Measuring sediment – Power's Scale of Roundness	10
	Handout: Measuring sediment – Power's Scale of Roundness	
	Video: Measuring sediment – Axes	5
	Video: Measuring Sediment – Wentworth Scale	6
	Video: Flood risk assessment	7
	Handout: Flood risk assessment	
	Video: Aeolian processes and dune formation	5
	Video: introduction to sand dune formation	2
	Video: Succession in a sand dune system	5
Water Cycle	Video: Introduction to the Water cycle	1

	Video: Measuring soil moisture content	7
	Video: Measuring soil texture	6
	Handout: Soil texture key	
	Video: Storm stimulation plot	3
	ArcGIS StoryMap: Hydrology and flooding in the Upper Aire catchment	
Carbon Cycle	Video: Introduction to the carbon cycle	4
	Video: Measuring carbon content in trees	12
	Handout: Measuring carbon content in trees	
	Handout: Tree biomass conversion charts	
	Handout: References for carbon calculations	
Glaciation	Video: Measuring Till	7
	Handout: Measuring Till	
	Video: Measuring Striations	7
	Handout: Measuring Striations	
Place, inequalities & regeneration	Video: Urban drifting	3
	Handout: Urban drifting	
	Video: Geographical lenses (an introduction)	6
	Video: Applying geographical lenses in Dedham	3
	Video: EQA - bipolar and weighted scales	3
	Handout: Example of a bipolar scale for EQA	
	Video: question types in questionnaire design	3
	Handout: questionnaire data and question types	
	Video: Concept mapping	7
	Video: Emotion mapping	2
	Handout: Emotion mapping	
	ArcGIS StoryMap: Investigating Place	
	Handout: Smellscape mapping	
	Handout: Shopping basket survey	
	Handout: Producing a Goad map	
ArcGIS and Data Analysis Skills	Video: What is ArcGIS and how do I access it?	2
	Video: Introduction to the ArcGIS Analysis tools	4
	Video: Examples for the classroom	2
	Video: First thoughts for data collection	2
	Video: A worked example for the Chi-squared test	7
	Video: A worked example for the Spearman's rank	12
	Video: A worked example for the Student's t-test	8

16–18 Biology

Topic	Description of resource	Length (mins)
Ecological Field Techniques	Video: Key terms in ecology	4
	Video: Introduction to sampling strategies	4
	Video: Random sampling strategies	7
	Video: Stratified sampling strategies	5
	Video: Systematic sampling strategies	5
	Handout: Sampling strategies	
	Video: Investigative key terms – A Level/IB SH NI	4
	Video: Risk assessments for fieldwork	4
	Video: Choice chambers	4
	Handout: Choice chambers	
	Video: Mark, Release and Recapture	6
	Handout: Mark, Release and Recapture	
	Video: Pitfall traps	4
	Video: Kick sampling and sweep netting	4
	Video: Assessing abundance using quadrats	10
	Video: Measuring animals and plants	7
	Video: Measuring abiotic factors in a woodland	9
Rocky shore Ecology	Video: Tides	11
	Video: Zonation	8
	Video: Measuring heights on the shore	3
	Video: The SACFOR Scale	10
	Handout: The SACFOR Scale	
	ArcGIS StoryMap: Rocky Shore Ecology on the Firth of Clyde	
Data Analysis Skills	Video: A worked example for Chi-squared test	7
	Video: A worked example for Spearman's rank	10
	Video: A worked example for Student's t-test	8
	Video: A worked example for Simpson's Diversity Index	8
Sand Dune Ecology	Video: introduction to sand dune formation	1
	Video: Succession	6
	Handout: Succession	
	Video: Measuring abiotic factors	5
	Handout: Measuring abiotic factors	
	Video: Using quadrats	4
Energetics, Sustainability and Biodiversity	Video: Lichens as air quality indicators	7
	Handout: Lichens as air quality indicators	

	Video: Investigating species richness on a farm using pitfall traps	13
	Video: Energy transfer in a freshwater system	4
	Video: Earthworms and ecological concepts	8
	Video: Moth diversity and iNaturalist	10

Teacher CPD

Description of resource	Length (mins)
Video: FieldworkLive - The Role of Fieldwork in the Secondary Curriculum - Maryanne Wills	4
Video: FieldworkLive - Risk-Benefit Analysis - Maryanne Wills	6
Video: NEA Fieldwork Conference - Beyond Burgess - Janine Maddison	21
Video: NEA Fieldwork Conference - What GIS can do for you - Dave Morgan	46