Geography 5 Year Curriculum Plan 2020-21

Year 7	HT1	HT2	HT3	HT4	HT5	HT6
	What is Geography	**Extreme environments – Polar**	**Beautiful Brazil, South America**	**Awakening Africa**	**Raging Rivers**	
Knowledge	Local and global connections - Identifying human and physical geography – Impacts of climate change – Plastics -Deforestation (palm oil) - UK's identity - settlement	Biomes - Polar climates Characteristics - challenges - opportunities - animal and human adaptations – exploration - resource sustainability, protection (Antarctica Treaty)	Location of major biomes -characteristics of the tropical rainforest - animal adaptations - surviving the rainforest - Brazil's importance nationally and globally - deforestation causes and impacts - Sustainability of the rainforest – Cameroon, Africa example	Physical geography of Africa -urbanisation – migration - Kenya- rural vs urban – distribution of resources - Kiberia slum improvements to squatter settlements - strategies for improvements - Tourism (Masi Mara) tourism - sustainability	Hydrology - Water cycle - rock type and soils -**onsite infiltration investigation fieldwork** - how rivers shape the land through erosion and deposition - flooding in a HIC (UK) and LIC (Mozambique) -flood management Fieldtrip to York – including practise fieldwork skills	
Skills	Map – locations – lines of latitude – compass direction – interpreting photographs – figures – graphical skills; pictogram – bar chart. DME – OS Maps – scale – relief – distance	Map – locations – lines of latitude – compass direction – interpreting photographs – 4 figure grid references – graphical skills; climate graphs. DME	Map – locations – lines of latitude – compass direction – interpreting photographs – figures – graphical skills; pie charts. DME	Map – locations – lines of latitude – compass direction – interpreting photographs – climate graphs – population pyramids - land use models - graphical skills; pie charts -numerical; measures of central tendency	OS maps – 4 and 6 figure grid references – map symbols – cross references – interpreting maps and photographs – graphical skills; hydrographs. DME Sequence of investigation – methods of data collection - data presentation – analysis – conclusion - evaluation	
Careers/ Trips / Enrichment		Yorkshire wildlife Park trip Scientists, wildlife conservationists		Town Planning - Slum Improvement Scheme	York trip, Local flooding trip, Infiltration off and on site	

Year 8	HT1	HT2	HT3	HT4	HT5	HT6
	Hurricane Havoc	**Climate Crisis**	**Impossible Places**	**Who wants to be a billionaire?**	**Collapsing Coasts**	**Business Boom**
Knowledge	Extreme Weather Events (Hurricanes, Depressions, Anticyclones – causes, impacts, LIC case study and management)	Climate over time – glaciation – climate change - causes – impacts – management – forest fires - micro climates –**fieldwork investigation**	Hot deserts - global locations - Las Vegas – Dubai – The Skywalk – sustainable buildings – climate change vs base camp at Everest – Forbidden places e.g. Chernobyl	Site and settlement - trade game – distribution of wealth – Africa – Asia – Middle East – types of industry - measures of development – DTM - strategies to close the development gap	Wave types - coastal processes (erosion, weathering, transportation & deposition) - rock type - landforms - holistic management - Local case study	The link between football and Geography - locating a stadium - types of industry - TNCs impact (Nike) Asia - fair trade - sustainable business.
Skills	Location – maps - atlas – latitude - Interpretation of satellite images photographs and maps	Maps – locations – interpreting photographs and satellite images – climate graphs – sequence of fieldwork investigation	Map – locations – lines of latitude – compass direction – interpretation of photographs and satellite images - graphical skills; compound bar chart. DME	Maps – locations – interpreting photographs - graphical skills; population pyramids, demographic transition model – measures of central tendency	Map – locations – compass directions – interpreting photos – OS maps - DME	Location on a map - analysing & annotating photographs - DME
Careers/ Trips / Enrichment	Meteorology, hazard prevention, architecture, engineering.		Architecture / engineering -Sustainable building design in hot deserts.	Entrepreneur guest speaker	Environment Agency - Model making / play-doh coastal features. Coastal fieldtrip	TNC careers Amazon iport

Year 9	HT1	HT2	HT3	HT4	HT5	HT6
	Restless Earth	**Advancing Asia**	**Bridging the gap**	**Do we have enough?**	**Amazon Pre-release (2019)**	
Knowledge	Natural Hazards plate tectonics (Earthquakes, Volcanoes & Tsunamis) – geological timescales - hazards causes - impacts - management. HIC / LIC comparison	Physical geography of Asia - population – comparison between Africa and Asia – manufacturing – tourism – ecotourism.	Country classification, social and economic indicators – limitations, HDI, DTM, comparing population pyramids, super powers, causes and consequences of development, Malthus verses Boserup - building a city (south Sudan)	How we use energy - different types of energy, advantages and disadvantages Water scarcity - hydrological cycle -bottled water Distribution of food - global food supply - food miles - the dark side of chocolate -eating insects	The climate of the TRF and how this links to its distribution - structure of the TRF - reasons for the biodiverse adaptations of plants and animals - Opportunities of the rainforest – sustainability - threats and development of the TRF - stakeholders of the TRF **Route to fieldwork enquiry independent fieldwork**	
Skills	Describing distributions - hazard mapping –latitude – countries – theories – interpreting photographs	Locating countries – map skills – interpreting photographs – population pyramids	Map skill – distribution – graphical skills; population pyramids - bar charts - DTM	Lines of latitude/longitude -interpreting maps (global, national) – interpreting photographs – calculate carbon footprint – Line graph – sketches – choropleth map – pie chart - DME	Maps – location - Interpreting photographs – graphical skills; climate graph - sources of information – statistical analysis - synoptic links - DME	
Careers/ Trips / Enrichment	Architecture, engineering, geology, hazard prevention - Design an earthquake proof building.			Drax power station	Police, data analyst, town planning. Fieldwork in local area.	

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Year 10	HT1	HT2	HT3	HT4	HT5	HT6
	Hazards Section A	**Urban Challenges Section A**	**Living World**	**Coasts**	**Resource Management**	**Fieldwork**
Knowledge	Natural hazards, earthquakes and volcanic processes, impacts, responses and management. Comparison of Haiti LIC and Japan's HIC earthquake. Weather hazards – Tropical storms, distribution formation, characteristics, influence of climate change impacts and management. Hayian example. UK extreme weather hazards and an example: Boscastle or Cumbria Climate change, causes, impacts and management.	Megacities - urban growth creates opportunities and challenges for cities in LICs and NEEs - Mumbai & London Challenges including: squatter settlements – sanitation – crime – unemployment - urban sprawl. Urban change in cities in the UK - sustainability of cities. **Human fieldwork** preparation 'Does housing quality increase as you move away from the centre of ……..'	Ecosystems – small scale (UK Epping Forest) and large scale – biomes - Tropical rainforests distribution – characteristics – deforestation - causes impacts - management (Amazon Rainforest case study, Brazil). Cold environment; distribution – characteristics – opportunities – challenges - value and management (Svalbard case study)	The Holderness Coastline - physical processes - distinctive coastal landforms - erosion and deposition - formations – hard and soft management strategies	Food, water, energy fundamental to human health - demand and provision of resources in UK - global demand and supply of resources – deficit and surplus and their consequences - strategies to increase energy supply	**Physical fieldwork** preparation 'Do groynes at Hornsea stop longshore drift?' Sequence of fieldwork investigation: Risk assessments; Types of data collection; Types of data presentation; analysis, conclusion, evaluation. Unseen fieldwork
Skills	Maps, models e.g. GACM, satellite images, sketches, pie chart, choropleth map, data interpretation, DME, bar charts, isolines pressure, line graphs.	Maps – locations – interpreting photographs - satellite images – line graph – bar chart- proportional symbols – population pyramids – DME – fieldwork - analysing; photos, graphs, maps; statistical:mean,mode, range, median, line of best fit; data interpretation - data presentation, GIS	Interpreting photographs, maps, interpreting models e.g. food chain and nutrient cycle, compass directions, mean, range, bar graph, pie chart, climate graph, lines of latitude, DME.	Maps – location - Interpreting photographs – contour - OS maps (4 & 6 figure grid references) - relief maps	Maps – locations – interpreting photographs - choropleth – scale – compound line graph – bar chart-flow lines – line graph – proportional symbols - DME	Analysing; photos, graphs, maps; Statistical:mean,mode, range, median, line of best fit; Data interpretation; Data presentation, GIS
Careers/ Trips / Enrichment		Urban fieldwork – local area	Local ecosystem	Physical Fieldwork-Trip to Hornsea	Drax power plant. Supermarket Local farm	Physical Fieldwork-Trip to Hornsea

Year 11	HT1	HT2	HT3	HT4	HT5	HT6
	Rivers	**Economic World**	**Economic World**	**Pre-release**	**Consolidation**	
Knowledge	River Tees -Boscastle - floods/ South Yorkshire floods - physical processes - landforms – erosion – deposition- hard and soft engineering - river management	Causes & consequences of uneven development - strategies to close the development gap - DTM Nigeria: TNCs, quality of life - impacts of economic development	UK: changing industrial structure - north/south divide - improvements in infrastructure	TBC – Released in March 2021.	QLA – to fill in gaps in knowledge	
Skills	Contour - OS maps (4 & 6 figure grid references) - relief maps – cross profile – hydrograph	Population pyramids - interpreting data from graphs (isoline, flow line) - Interpreting maps (global, national)	Population pyramids - interpreting data from graphs (isoline, flow line) - Interpreting maps (global, national)	DME – link to evaluation question.	Knowledge builders	
Careers/ Trips / Enrichment	Trip to a local area that has flooded and has management strategies e.g. Catcliffe or York.	Introduction into the careers within TNCs				