



Week Commencing	PHYSICAL (Paper 1)	HUMAN (Paper 2)	SKILLS (Paper 3)
18 th Feb	<p>Tectonic Hazards On a poster:</p> <ul style="list-style-type: none"> • What are the characteristics of oceanic crust and continental crust? • Draw and label diagrams for Destructive, Constructive and Conservative plate margins • Give 2 primary and 2 secondary effects of a volcano 	<p>Changing demand and provision of UK resources Revision Cards:</p> <ul style="list-style-type: none"> • Water : <ul style="list-style-type: none"> ○ Describe how and why demand for water is changing in the UK ○ Use a UK map to show where water surplus and water deficit are. Explain the human and physical reasons for this ○ Give three strategies for managing water pollution and three for managing water supply 	<p>Fieldwork Skills: Physical/Human I know the factors that need to be considered when selecting suitable questions.</p> <ul style="list-style-type: none"> • I understand the geographical theory/concept underpinning the enquiry • I know the different sources of primary and secondary evidence including locations • I know the potential risks of the fieldwork and how it can be reduced • I can explain the difference between primary and secondary data • I can explain the measuring and recording of data using different sampling methods
25 th Feb	<p>Ecosystems On revision cards:</p> <ul style="list-style-type: none"> • Key definitions: Ecosystem, producer, consumer, decomposer, environment, biotic, abiotic, nutrients, food chain, food web, biodiversity • <i>UK ecosystem: in a pond describe the producers, consumers (primary and secondary) and decomposers. Produce an example food web/chain</i> • Annotate a map of global biomes – describe the distributions using key words e.g. latitude 	<p>Opportunities and Challenges in LICs/NEEs Case Study Card:</p> <ul style="list-style-type: none"> • Urban Issues and Challenges: Lagos <ul style="list-style-type: none"> ○ Describe the challenges in Lagos <ul style="list-style-type: none"> ○ Slums caused by urban growth ○ Sanitation/sewage systems ○ Access to health/education ○ Reduction of crime and unemployment ○ Environmental Issues ○ <i>Makoko Floating Schools – example of urban planning improving quality of life for the urban poor</i> 	<p>Ordnance Survey Maps:</p> <ul style="list-style-type: none"> • I can use and understand coordinates – four and six-figure grid references. • I can use and understand scale, distance and direction – measure straight and curved lines • I can use and understand gradient, contour and spot height. • I can identify basic landscape features and describe their characteristics from map evidence. • I can identify major relief features on maps and relate cross-sectional drawings to relief features. • I can infer human and physical activities/features from map evidence, including tourism.

ASPIRE

ACHIEVEMENT * SUPPORT * PERSEVERANCE * INDIVIDUALITY * RESPECT * EXCELLENCE

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4 th March	<p>Weather Hazards Revision Cards:</p> <ul style="list-style-type: none"> • Draw a diagram showing the global atmospheric circulation model – explaining how it leads to high and low pressure belts • Describe and explain the distribution of tropical storms • Draw a cross-section of a tropical storm to show the causes, structure and direction of movement • Explain how climate change might affect tropical storms (intensity and distribution) • <i>Typhoon Haiyan – Primary and Secondary Effects; Immediate and Long-Term Responses</i> 	<p>Changing Economic World Revision Cards:</p> <ul style="list-style-type: none"> • Make a list of 6 different indicators of development. Give an advantage and disadvantage of each one • What is HDI? Why is it a better method of measuring development? • Describe three ways the world can be divided (e.g. Brandt line) and the advantages/disadvantages • Draw a sketch of the Demographic Transition Model. Draw a sketch of a population pyramid for each stage and name an example of a country for each 	<p>Fieldwork Skills: Human Fieldwork</p> <ul style="list-style-type: none"> • I appreciate that there are a range of visual graphic and cartographic methods • I can select and use accurately appropriate presentation methods • I can describe, explain and adapt presentation methods
11 th March	<p>Tropical Rainforests On revision cards:</p> <ul style="list-style-type: none"> • Give three facts about rainforest climate • Draw a diagram of rainforest soil structure • Explain four ways that plants are adapted to rainforest ecosystems • Explain three animal adaptations to the rainforest ecosystem • <i>Amazon Rainforest: Describe the causes, impacts and management of deforestation including sustainable methods.</i> 	<p>Changing demand and provision of UK resources Revision Cards:</p> <ul style="list-style-type: none"> • Energy: <ul style="list-style-type: none"> ○ What are the main sources of the UK's energy? ○ How has the UK's energy mix changed since the 1970s? What are the reasons for this? ○ Describe the economic and environmental issues caused by exploiting energy sources • <i>Fracking – Natural Gas: Advantages and Disadvantages of Extraction of a fossil fuel in the UK</i> 	<p>Graphical Skills</p> <ul style="list-style-type: none"> • I can select and construct appropriate graphs and charts to present data, using appropriate scales – line charts, bar charts, pie charts, pictograms, histograms with equal class intervals, divided bar, scattergraphs, and population pyramids. • I can suggest an appropriate form of graphical representation for the data provided. • I can complete a variety of graphs and maps – choropleth, isoline, dot maps, dot lines, proportional symbols and flow lines. • I can use and understand gradient, contour and value on isoline maps. • I can interpret and extract information from different types of maps, graphs and charts, including population pyramids, choropleth maps, flow-line maps, dispersion graphs

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18 th March	<p>River Landscapes in the UK</p> <ul style="list-style-type: none"> • Draw a diagram of a waterfall and add the following labels – hard rock, soft rock, plunge pool, undercutting. Annotate to explain how they form • Now draw a meander cross profile and plan view with the following labels – slip off slope, river cliff, fastest flow, slowest flow, erosion and deposition. • Draw a diagram to show how Levees are formed • Draw a diagram to show how floodplains are formed • Identify and describe river landforms on the River Tees from source to mouth 	<p>Urban Issues and Challenges: Southampton Case Study Card:</p> <ul style="list-style-type: none"> • Where Southampton? Why is it an important city in the UK and the world? • Describe three impacts of migration on the growth and character of the city • Explain the opportunities available in Southampton (social, economic and environmental) • Explain the challenges in Southampton (social, economic and environmental) • Describe the impact of urban sprawl on the rural-urban fringe • WestQuay Regeneration – reasons for and impact of regeneration project. 	<p>Statistical Skills</p> <ul style="list-style-type: none"> • I can use appropriate measures of central tendency, spread and cumulative frequency (median, mean, range, quartiles and inter-quartile range, mode and modal class.) • I can calculate percentage increase or decrease and understand the use of percentiles. • I can describe relationships in bivariate data: sketch trend lines through scatter plots, draw estimated lines of best fit, make predictions, interpolate and extrapolate trends. <p>I can be able to identify weaknesses in selective statistical presentation of data.</p>
25 th March	<p>Climate Change On a poster:</p> <ul style="list-style-type: none"> • Summarise 3 pieces of evidence for climate change • Compare three natural and three human causes of climate change • Draw a diagram to show how the enhanced greenhouse effect works • Mitigation: Describe three strategies used to reduce global warming • Adaptation: Describe three strategies used to adapt to global warming effects 	<p>Water Mind map:</p> <ul style="list-style-type: none"> • Use a world map with examples to annotate global water consumption • Explain why global demand for water is increasing • Describe how physical, economic, technological and political factors affect water supply • Describe how water insecurity can impact a country or area • How is water insecurity being addressed in South Africa? • How is water insecurity being addressed in Wakal? 	<p>Numerical Skills</p> <ul style="list-style-type: none"> • I can demonstrate an understanding of number, area and scales and the quantitative relationships between units. • I can design fieldwork data collection sheets and collection sheets and collect data with an understanding of accuracy, sample size and procedures, control groups and reliability. • I understand and correctly use proportion and ratio, magnitude and frequency. • I can draw informed conclusions from numerical data.

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1 st April	<p>Breathe!</p>	<p>Changing Economic World Poster:</p> <ul style="list-style-type: none"> Describe and explain how physical, historical and economic factors can cause uneven development. Give an example for each one. Describe how disparities in wealth and health, and international migration result from uneven development Summarise how different strategies can reduce the development gap (investment, industrial development and tourism, aid, using intermediate technology, fair trade, debt relief, microfinance loans.) Example of tourism in a LIC/NEE that reduces the development gap: Tourism 	<p>Fieldwork Skills: Human Fieldwork:</p> <ul style="list-style-type: none"> I can describe, analyse and explain the results of fieldwork data. I can establish links between data sets. I can use appropriate statistical techniques I can identify anomalies in fieldwork data I can draw evidenced conclusions in relation to original aims of the enquiry
8 th April	<p>Coastal Landscapes in the UK</p> <ul style="list-style-type: none"> For each of the following landforms (Wave cut platform, cave, arch, stack, stump, spit, bays and headlands, Bars, beaches, sand dunes) <ul style="list-style-type: none"> Identify if they are erosion or deposition, A labelled diagram An explanation of how they are formed linked to relevant processes (erosion, transportation, deposition, wave types) Jurassic Coast: An example of erosional and depositional landforms 	<p>Urban Issues and Challenges: Sustainability Mind Map</p> <ul style="list-style-type: none"> Describe how urban transport strategies are used to reduce traffic congestion in Curitiba: Bendy buses, pedestrianising areas. Draw and annotate the features of a sustainable settlement Curitiba – Sustainable Living Settlement 	<p>Statistical Skills</p> <ul style="list-style-type: none"> I can use appropriate measures of central tendency, spread and cumulative frequency (median, mean, range, quartiles and inter-quartile range, mode and modal class.) I can calculate percentage increase or decrease and understand the use of percentiles.

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15 th April	<p>Hot Deserts On revision cards:</p> <ul style="list-style-type: none"> • Give three facts about hot desert climate • Describe the soil in a hot desert • Explain four ways that plants are adapted to the hot desert ecosystems • Explain three animal adaptations to the hot desert ecosystem • Thar Desert: Describe the opportunities and challenges for development in the hot desert. • Explain the causes and management of desertification 	<ul style="list-style-type: none"> • Impacts of industrialisation • Create a mind map of the environmental impacts of industrialisation in the UK. Remember to think of local and national impacts • <i>Torr Quarry</i>- complete your case study sheet for this 	<p>Fieldwork Skills: Physical/Human Crossover Swanage fieldwork. How does hard engineering protect the beach at Swanage?</p> <ul style="list-style-type: none"> • I can describe, analyse and explain the results of fieldwork data. • I can establish links between data sets. • I can use appropriate statistical techniques • I can identify anomalies in fieldwork data • I can draw evidenced conclusions in relation to original aims of the enquiry
22 nd April	<p>Rivers</p> <ul style="list-style-type: none"> • Why do rivers flood? • Can you interpret a flood hydrography • What are the hard and soft engineering methods to protect against flooding • Explain why Banbury need protection • Assess the methods that Banbury used. 	<p>Changing Economic World Case Study Card: NIGERIA</p> <ul style="list-style-type: none"> • Where is Nigeria? Why is important in the area and the world? • What is the current level of development in Nigeria? • Explain the political, social, cultural and environmental factors that have affected Nigeria 	<p>Data Skills</p> <ul style="list-style-type: none"> • I can use qualitative and quantitative data from both primary and secondary sources to obtain, illustrate, communicate, interpret, analyse and evaluate geographical information. • Data types: Maps, fieldwork data, geospatial data (GIS), satellite imagery, written and digital sources, visual and graphical sources, numerical and statistical information

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29 th April	<p>Coastal Management</p> <ul style="list-style-type: none"> • Explain the hard engineering methods: Groynes, sea walls, rock armour, gabions. • Explain soft engineering methods: beach nourishment, dune fencing, dune regeneration. • How has Swanage protected its beach? What are the costs? • What is managed retreat and where has this been successful and why? 	<p>Changing Economic World Case Study Card: NIGERIA</p> <ul style="list-style-type: none"> • Describe the industrial structure of Nigeria and how it has changed/is changing • Define a TNC, then explain how they can help the development of Nigeria 	<p>Fieldwork Skills: Human Swanage Hard engineering is used at Swanage to protect the tourist industry</p> <ul style="list-style-type: none"> • I can identify the problems of data collection methods • I can identify the limitations of data collected • I can suggest other data that might be useful • I can explain the extent to which conclusions were reliable
6 th May	<p>Tectonic Hazards Create a mind map:</p> <ul style="list-style-type: none"> • Explain how earthquakes occur at each boundary – include a named location for each boundary type and an earthquake • Define focus and epicentre • Describe how earthquakes are measured – what are the advantages and disadvantages for each method <p>Draw a comparison chart for Chile and Nepal showing impacts and responses.</p>	<p>Changing Economic World UK</p> <ul style="list-style-type: none"> • Describe why there is a N/S divide in the UK and how the government is looking to address this • How is transport changing in the UK and why • What is deindustrialisation? 	<p>Breathe!</p>
13 th May	<p>Key terms Review your command terms and key topic terms Ensure you have completed your case study booklet</p>	<p>Changing Economic World UK</p> <ul style="list-style-type: none"> • What is happening to rural areas in the UK – why are areas declining and others increasing • What are the SEE impacts of population change in rural areas • What are science and business parks, what impacts do they have 	<p>Statistical Skills</p> <ul style="list-style-type: none"> • I can describe relationships in bivariate data: sketch trend lines through scatter plots, draw estimated lines of best fit, make predictions, interpolate and extrapolate trends. • I can be able to identify weaknesses in selective statistical presentation of data.
20 th May	<p>21st May PHYSICAL GEOGRAPHY EXAM (PAPER 1)</p>	<p>UK Food Why is there a changing demand for food in the UK?</p>	<p>Fieldwork</p> <ul style="list-style-type: none"> • What risks did you identify and how did you

		How are agribusiness and organic farms meeting this demand	nullify these?
27 th May		Key terms Review your command terms and key topic term Ensure you have completed your case study booklet	<ul style="list-style-type: none"> Review notes for Geographical Applications Exam – Check your understanding and complete any missing sections Read through Pre-Release again
3 rd June		<u>5th June</u> <u>HUMAN GEOGRAPHY EXAM (PAPER 2)</u>	<ul style="list-style-type: none"> Explain the conclusions that you came to in your fieldwork What conclusions can you draw from the pre-release
10 th June			<u>13th June</u> <u>GEOGRAPHICAL APPLICATIONS EXAM (PAPER 3)</u>