

What will you study in Geography?

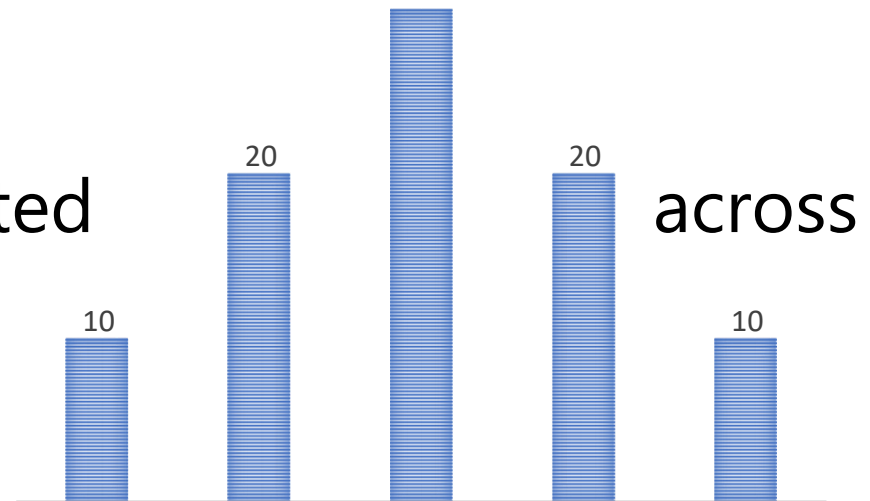
Year 7	Year 8	Year 9
7.1 Geographical skills 7.2 Our island home 7.3 Our planet 7.4 Rivers 7.5 Coasts 7.6 Exploring places	8.1 Cold environments 8.2 Hot deserts 8.3 Geography Rocks 8.4 Weather & climate 8.5 Population & Development	9.1 World of work 9.2 Environmental challenges 9.3 Globalisation 9.4 Restless Earth

Attainment Grades

End-of-topic test marks are converted into an Attainment grade ranging from grade 1 up to grade 5.

The graph indicates how the attainment grades are distributed across the year group.

Attainment grades are reported on Go4Schools.



Progress Grades

We measure student progress by comparing prior attainment data with their current Attainment grade (1-5). We will consider a range of additional factors when reporting Progress, including:

- Attitude to learning
- Prior knowledge and understanding
- Quality of work
- Independent learning (homework)



Homework

- We expect students to complete two pieces of homework every half term.
- Work will be posted on MS teams for students to access at home. We recommend printing worksheets up in school.

Year 7 Geography Homework 8


Student Name _____ Student No. _____

Map Symbols
Symbols help us to include lots of detail on maps. They include simple images, letters and abbreviations.

1. Which map symbols represent the following (A-J)?
Draw your answers in the boxes:

A. School	<input type="checkbox"/>
B. Church with a spire	<input type="checkbox"/>
C. Parking	<input type="checkbox"/>
D. Picnic site	<input type="checkbox"/>
E. Golf course	<input type="checkbox"/>
F. Footpath	<input type="checkbox"/>
G. Visitor Centre	<input type="checkbox"/>
H. Pub	<input type="checkbox"/>
I. Church with a tower	<input type="checkbox"/>
J. Viewpoint	<input type="checkbox"/>

OS Map Symbols



Mus
P
PC
PH
Sch

- *Need help with homework?* There is a catch-up session at the after-school study club school in the library

Year 7 Topic 1: Geographical Skills

Topic Assessment (40 marks):
Multiple choice challenge (20 marks)
Written exam (20 marks)



Highlights:

- What is geography?
- How is distance and direction measured on maps?
- Why do we use different types of map?
- Which symbols appear on maps, and why do we use them?
- How do you show hills and mountains on flat 2D maps?
- How can you find places on maps using grid references?
-

Key Words:



- Maps
- Countries
- Continents
- Oceans
- Distance
- Direction
- Grid references
- Map symbols
- Contours
- 4-figure grid references
- 6-figure grid references

Year 7 Topic 2: Our Island Home

Topic Assessment (40 marks):
Multiple choice challenge (20 marks)
Written exam (20 marks)



Highlights:

- Where is our island home, and what is it like?
- What is our local area like, and what do we think about it?
- How did our island home become an island?
- What is the weather and climate like in different parts of our island home?
- What is air quality like in the area around school site?

Key Words:



- Country
- Area
- Weather
- Rainfall
- Temperature
- Population
- Climate
- Ice sheet
- Tundra
- Permafrost

Year 7 Topic 3: Our Planet

Topic Assessment (40 marks):
Multiple choice challenge (20 marks)
Written exam (20 marks)



Highlights:

- What is the structure of Earth?
- How has our planet and life on it changed over geologic time?
- What is so special about our atmosphere?
- What natural landforms are found on the surface of our planet? How did they form?
- Why are different biomes found on our planet?

Key Words:



- Earth structure
- Crust
- Mantle
- Outer core
- Inner core
- Tectonic plates
- Landforms
- Environment
- Ecosystems
- Biomes
- Tectonic hazards

Year 7 Topic 4: Water & Rivers

Topic Assessment (40)
Multiple choice challenge (20)
Written exam (20)



Highlights:

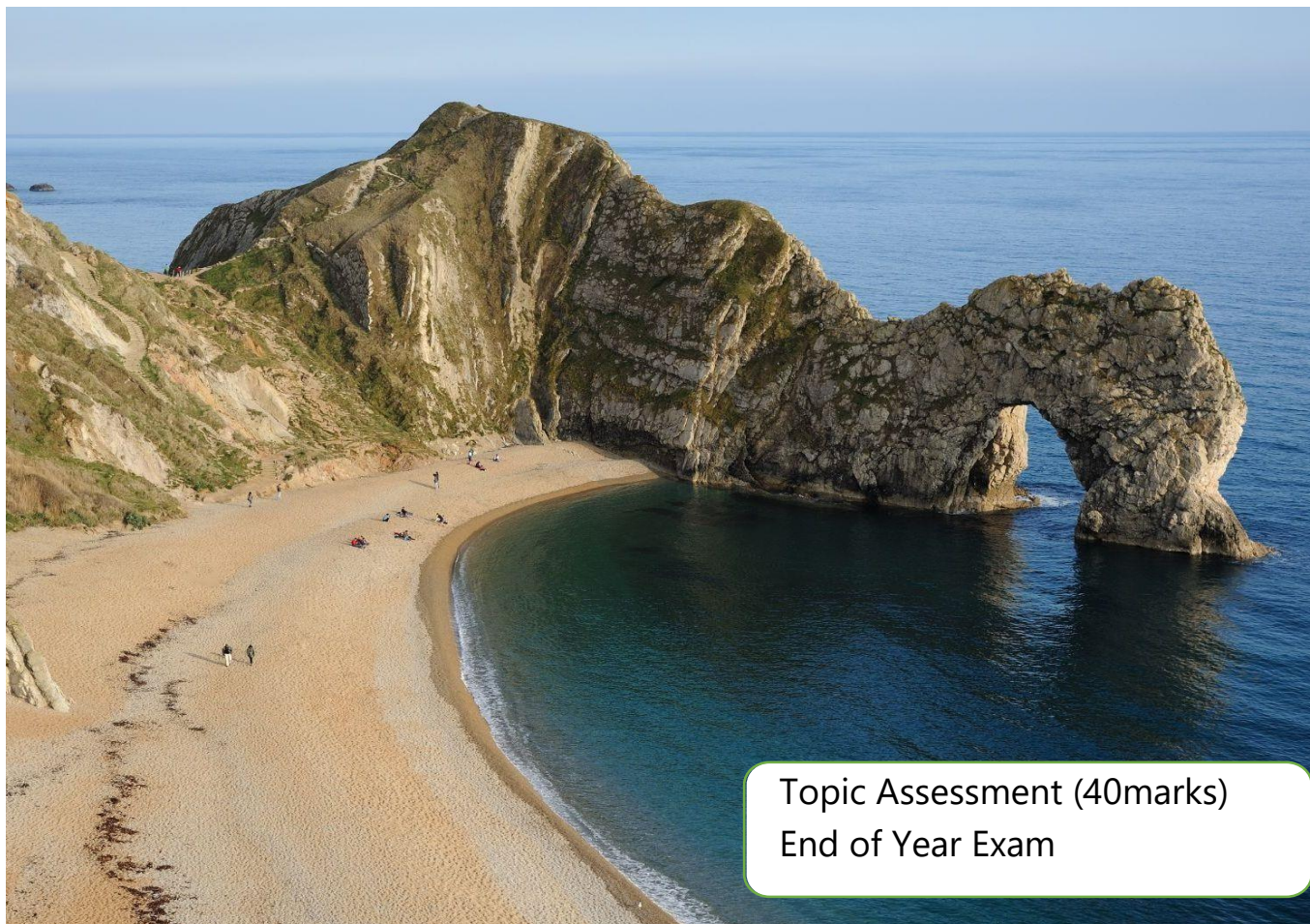
- Where is all of the water?
- How does the water cycle work?
- What is a drainage basin?
- How can people affect the drainage basin cycle?
- How can hydrographs be used to predict flooding?
- What natural processes shape rivers?
- How are waterfalls formed?

Key Words:



- Earth structure
- Crust Water cycle
- Evaporation
- Condensation
- Precipitation
- Source
- Mouth
- Erosion
- Hydrograph
- Hydraulic action
- Abrasion
- Waterfalls

Year 7 Topic 5: Coasts



Topic Assessment (40marks)
End of Year Exam

Highlights:

- Where is all of the water?
- How does the water cycle work?
- What is a drainage basin?
- How can people affect the drainage basin cycle?
- How can hydrographs be used to predict flooding?
- What natural processes shape rivers?
- How are waterfalls formed?

Key Words:



- Swash
- Backwash
- Constructive waves
- Destructive waves
- Fetch
- Headland & Bays
- Coastal management
- Groynes
- Longshore drift
- Spring tide
- Neap tide

Year 8 Topic 1: Cold Environments

Topic Assessment (40)
Multiple choice challenge (20)
Written exam (20)



Highlights:

- Where is all the ice on Earth?
- Where is the coldest inhabited place on Earth?
- How do people survive living in the 'Pole of cold'?
- Does anyone live on, or own, the Antarctica?
- What evidence is there use to be glaciers in the UK?
- How are avalanches managed in Juneau, Alaska?

Key Words:



- | | |
|----------------|------------------|
| • Polar | Taiga |
| • Tundra | Latitude |
| • Longitude | Polar night |
| • Midnight Sun | Arctic Circle |
| • Permafrost | |
| • Ice age | Ice sheets |
| • Ice caps | Ice shelves |
| • Glaciers | Ice bergs |
| • Erratic | U-shaped valleys |
| • Hazards | Avalanche |
| | Management |

Year 8 Topic 2: Hot Deserts

Topic Assessment (40)
Multiple choice challenge (20)
Written exam (20)



Highlights:

- Where are hot deserts, and why are they so dry?
- What different types of desert are there in Australia?
- How do plants and animals survive in arid conditions?
- How does wind and water shape the desert?
- How can Dubai meet its growing demand for water?

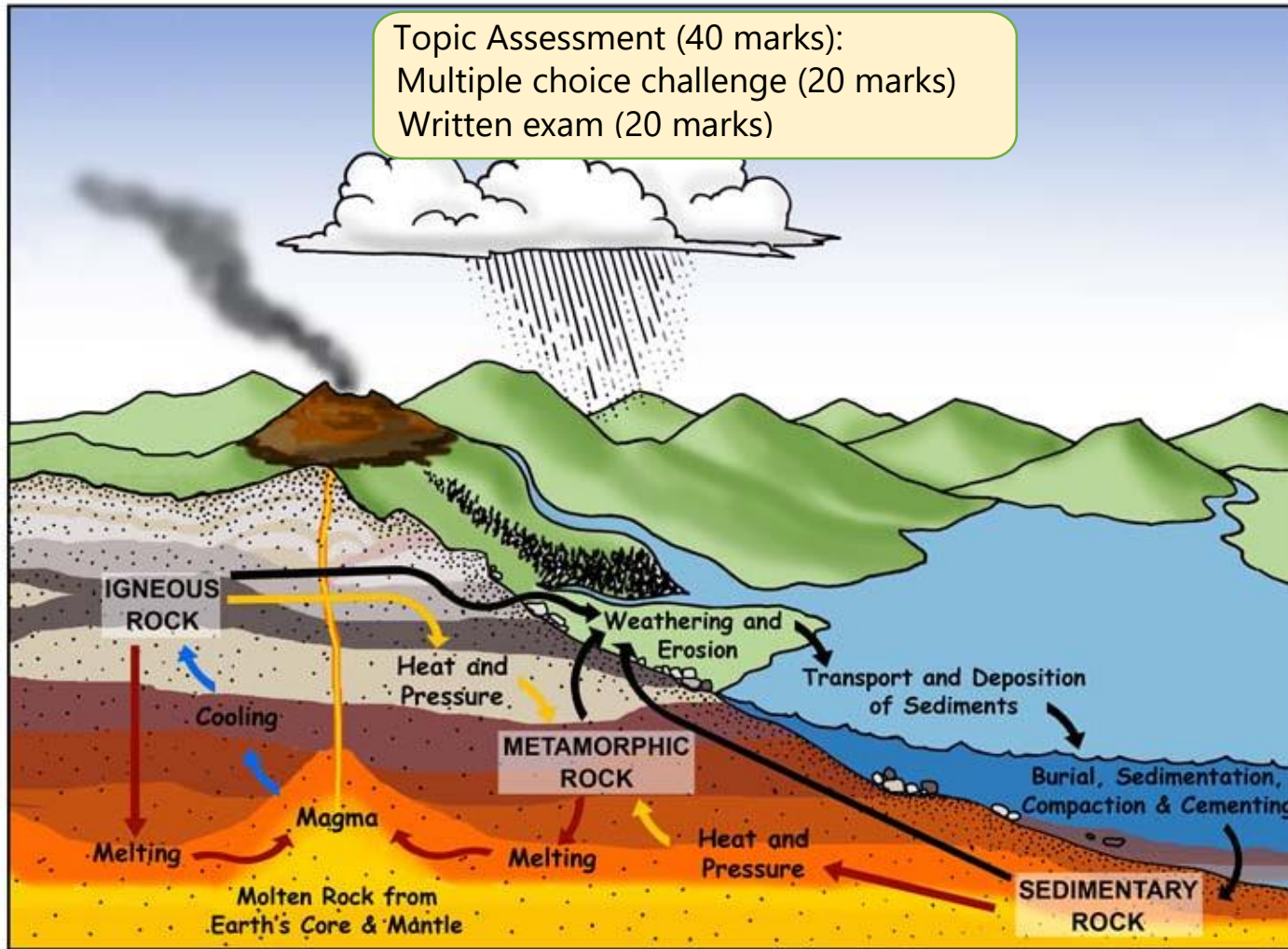
Key Words:



- Climate
- Climate zones
- Arid
- Tropic of Cancer & Capricorn
- Sub-tropical Plants (flora)
- Animals (fauna) Adaptation
- Transpiration Temperature
- Precipitation Abrasion
- Types of transport (saltation)
- Landforms (Yardangs)
- Water supply
- Sustainability

Year 8 Topic 3: Geography Rocks

Topic Assessment (40 marks):
Multiple choice challenge (20 marks)
Written exam (20 marks)



Highlights:

- What is Geological Time?
- Understanding links within the Rock Cycle
- Peak District investigation
- How does weathering affects our landscapes?
- How does rock become soil (Fieldwork virtual)
- What are Sand Dunes?
- How are rocks on the move?
- Why and how is Fracking affecting our landscape?
- Why do people live near a volcano

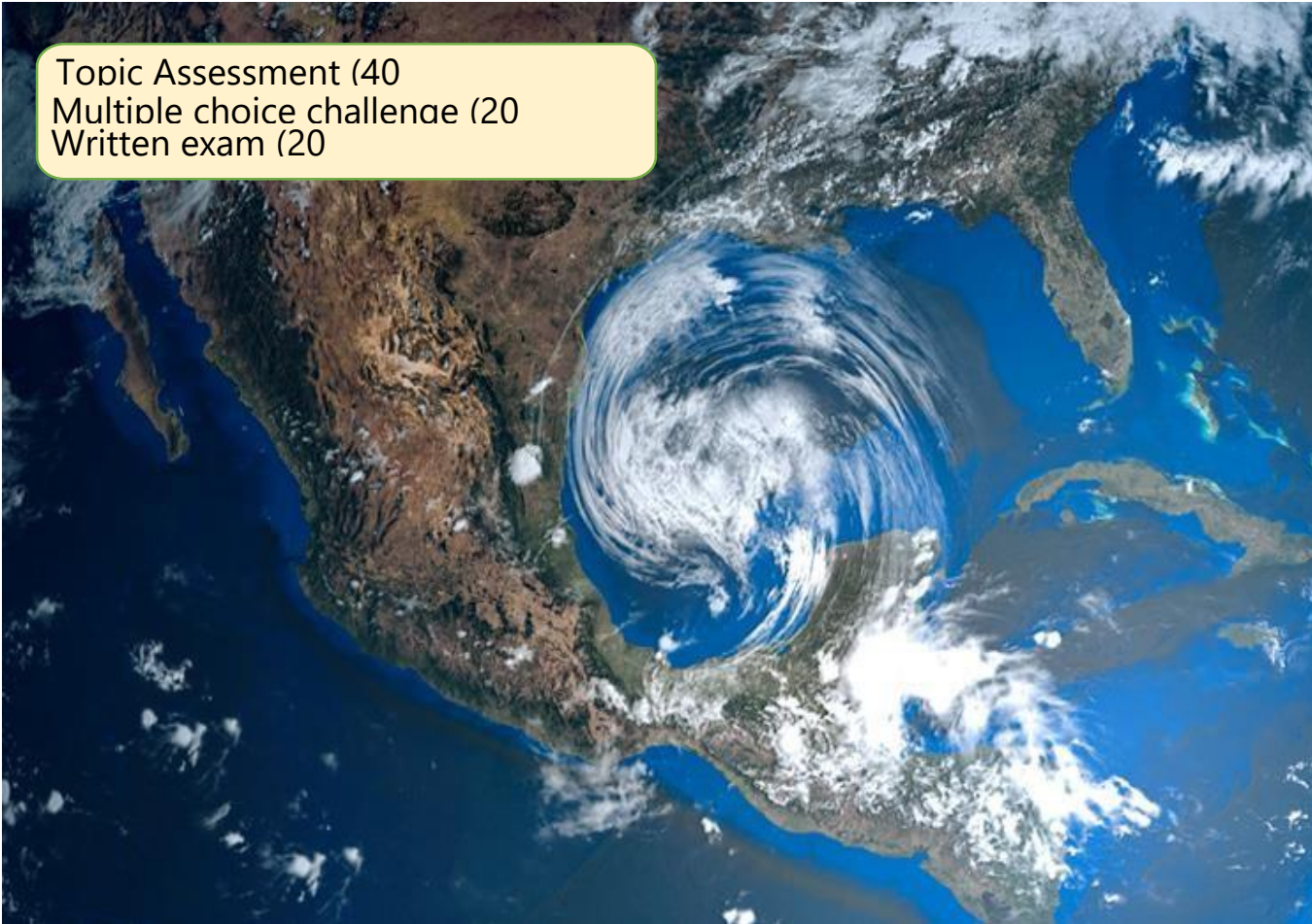
Key Words:



- Geological
- Sedimentation
- Compaction
- White & Dark Peak
- Freeze-Thaw
- Carbonation
- Thermal Stress
- Arid
- Loam/Clay & Silt
- Mass Movement
- Contamination

Year 8 Topic 4: Weather & Climate

Topic Assessment (40)
Multiple choice challenge (20)
Written exam (20)



Highlights:

- How does air pressure affect weather conditions in the UK?
- Why do tropical storms form?
- How are humans enhancing the greenhouse effect?
- How does weathering shape the rocks beneath our feet?
- How does soil / sand dunes form?
- What causes the Indian monsoon?
- How and why do geographers use sampling in fieldwork?

Key Words:



- Atmosphere High pressure
- (anticyclones) Hurricanes
- Low pressure (depressions)
- Tropical storms
- Climate change
- Greenhouse effect
- Coral reefs
- Types of Weathering
- Bedrock Soil
- Sand dunes Sampling
- Monsoon Microclimates

Year 8 Topic 5: Population & Development

Topic Assessment (40 marks)

End of year exam



Highlights:

- Are there enough resources to cope with global population growth?
- What are the causes and consequences of rapid urbanisation in India?
- How can development be measured?
- Has China's attempt to manage population been a success?
- Should the Arctic region be developed?

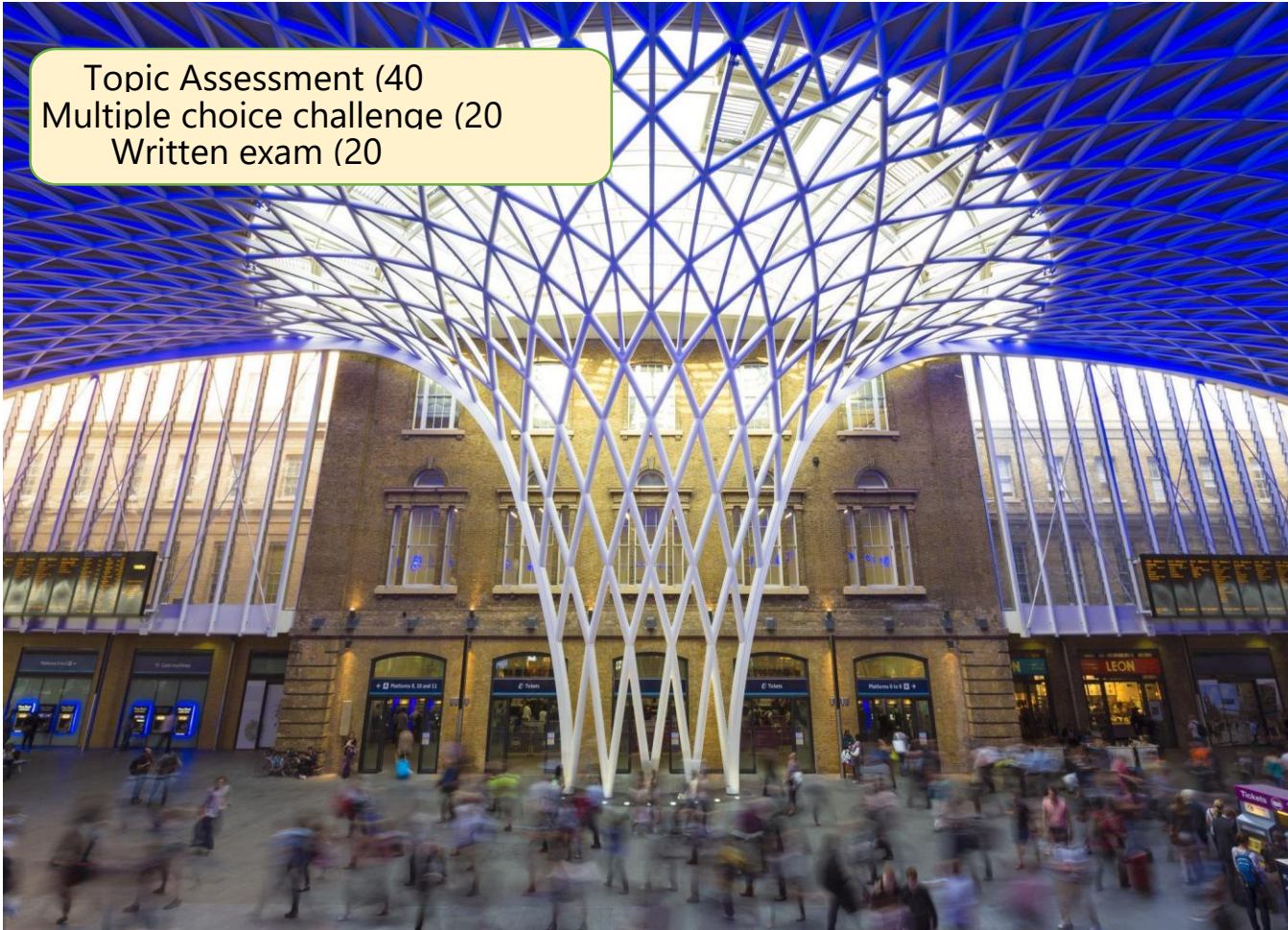
Key Words:



- Population Exponential growth
- Birth rates Death rates
- Natural change Life expectancy
- Natural resources
- Malthus Boserup
- Migration Urban change
- Development Distribution
- Density
- Population structure
- Population control
- Development indicators
- Malaria China
- India Russia
- Uganda Arctic region

Year 9 Topic 1: World of Work

Topic Assessment (40)
Multiple choice challenge (20)
Written exam (20)



Highlights:

- How has the employment structure of the UK changed over time?
- How does the employment structure of the UK compare with other countries?
- How has farming in the UK changed over time?
- What factors are important for manufacturing location?
- How has work in the King's Cross area changed over time?
- How has land use changed in the local area (Fieldwork)

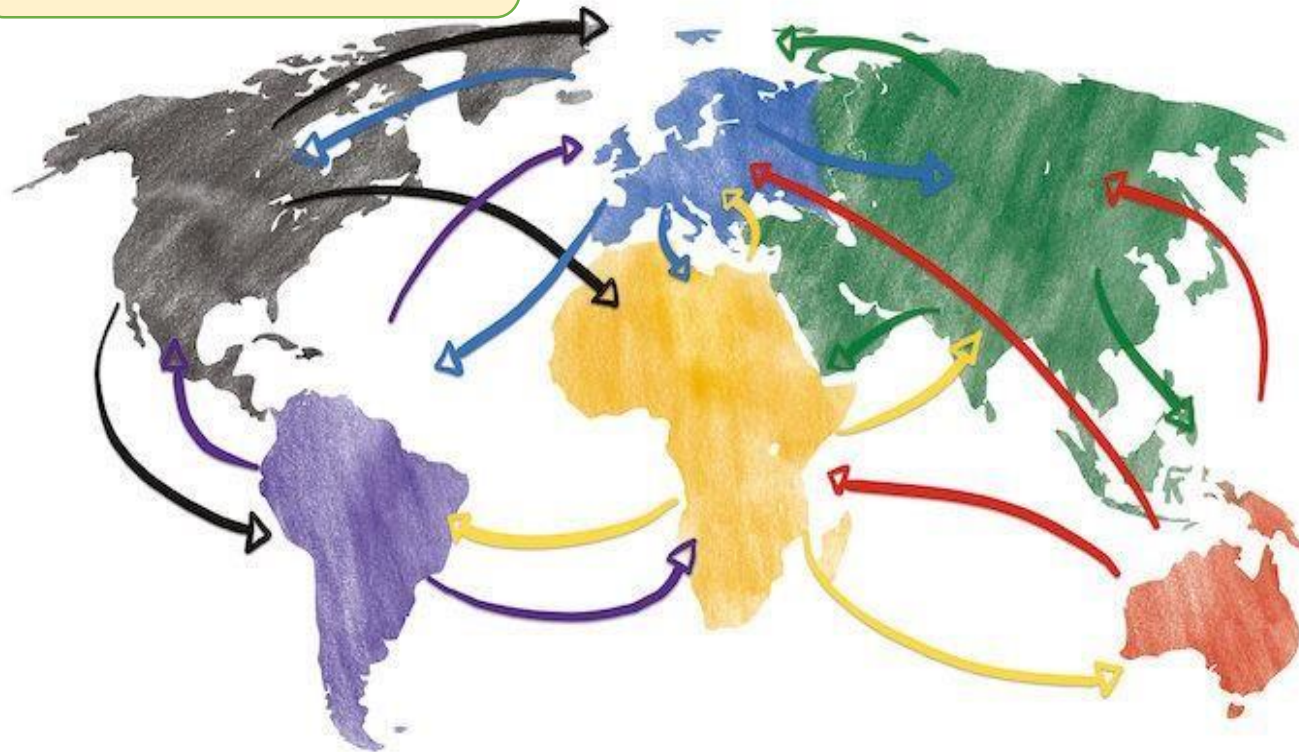
Key Words:



- Primary, Secondary, Tertiary, Quaternary
- Employment
- Economic
- Decline & Growth
- Gross Domestic Product
- Industry
- Sector
- Industrial Revolution
- Land use Survey
- Ricepots

Year 9 Topic 2: Globalisation

Topic Assessment (40)
Multiple choice challenge (20)
Written exam (20 marks)



Highlights:

- What is globalisation
- How fair is global trade?
- What are the opportunities and threats of China's BRI for developing countries?
- How can economic development be measured?
- What are the advantages and disadvantages of TNCs for host countries?
- Why could there be a conflict in the future over the South China Sea?

Key Words:



- Globalisation
- Trade
- Trade surplus
- Trade deficit
- Debt
- Economic development
- GDP per Capita
- Transnational Corporations
- EEZ (Exclusive Economic Zones)
- BRI (Belt & Road Initiative)

Year 9 Topic 3: Environmental Challenges



Topic Assessment (40 marks):
Multiple choice challenge (20 marks)
Written exam (20 marks)

Highlights:

- What impacts can air pollution have on human health?
- How can we measure air quality?
- How does the carbon cycle work?
- What are the costs and benefits of oil drilling in remote regions?
- What are the causes and consequences of climate change?
- Why is ocean plastic a problem, and what are the solutions?

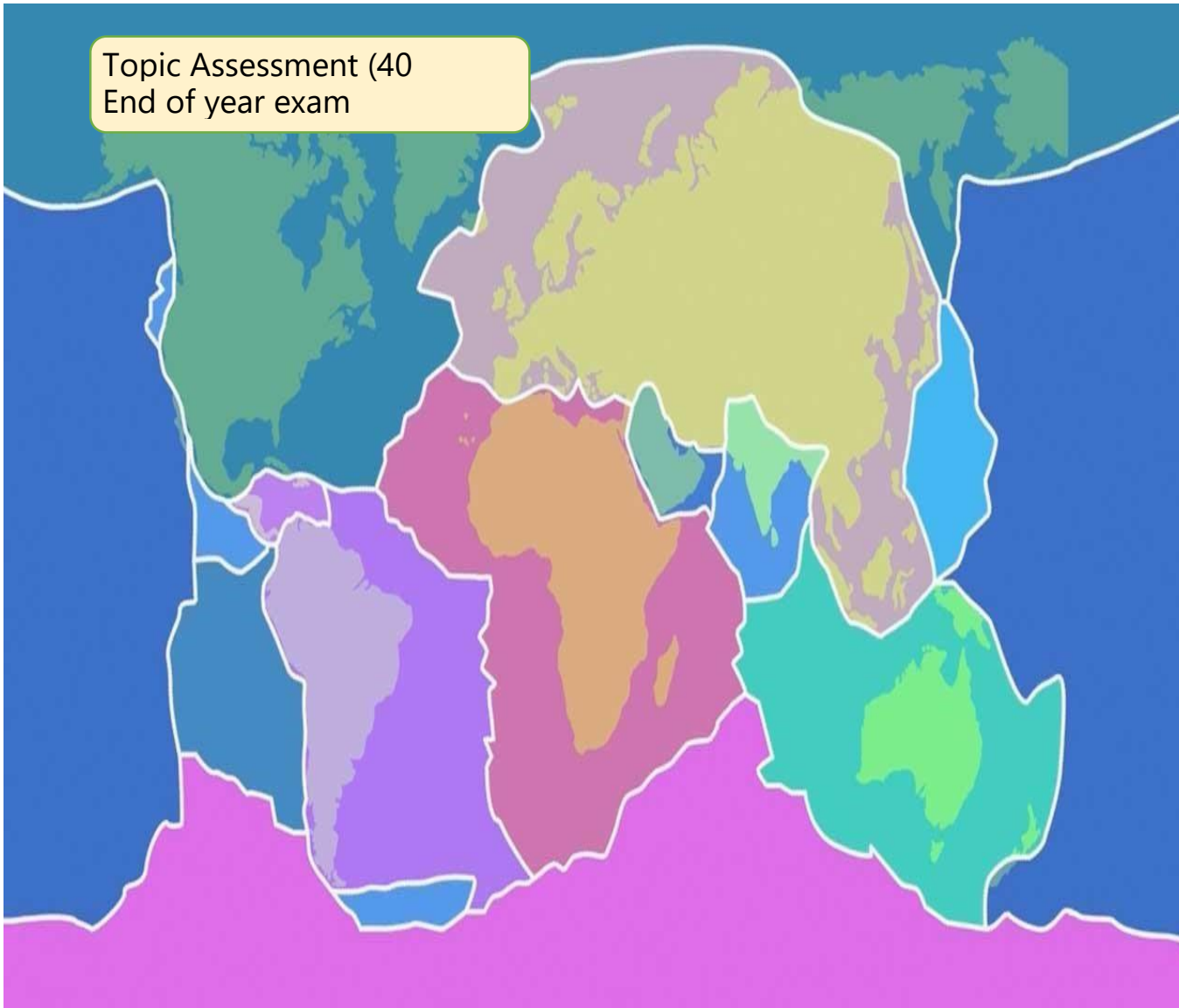
Key Words:



- Air pollution Air quality
- Carbon dioxide
- Particulate matter
- Carbon cycle
- Slow & fast cycle
- Oil extraction
- Climate change
- Enhanced
- Greenhouse effect
- Photosynthesis Respiration
- Combustion
- Carbon stores
- Landfill
- Recycling
- Microplastics

Year 9 Topic 4: Restless Earth

Topic Assessment (40)
End of year exam



Highlights:

- What evidence is there that the continents were once joined?
- How did the continents drift apart?
- What happens at tectonic plate boundaries? How does this shape the landscape?
- What hazards are associated with plate boundaries?
- Can tectonic hazards be predicted or prevented?
- What can people do to protect themselves or reduce the effects of tectonic hazards?

Key Words:



- Continental Drift
- Sea floor spreading
- Plate tectonics
- Crust/Mantle/Inner and Outer Core
- Mid-ocean ridge
- Plate boundaries
- Constructive
- Destructive
- Conservative
- Collision Magma
- Subduction Tsunami
- Volcanoes Lahar
- Pyroclastic surge Earthquakes
- Seismic waves Seismometers