**OCR A GCSE Geography (9-1) Paper 2: The World Around Us**

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| **Unit 1: Ecosystems of the Planet** | **Definitely need more revision** | **I am OK with this. Some revision needed** | **100% confident** | **Comment (e.g. what you need to do next, location of resources)** |
| **Key idea 1 - Ecosystems consist of interdependent components** |  |  |  |  |
| I can **explain** how Ecosystems have **Abiotic** **(Non-Living)** components such as – Weather, Climate & Soil. |  |  |  |  |
| I can **explain** how Ecosystems have **Biotic** **(Living)** components such as Plants, Animals & Humans |  |  |  |  |
| I can **explain** how Ecosystems are interdependent **(all parts of the ecosystem are linked)** |  |  |  |  |
| **Key idea 2 - Ecosystems have distinct distributions and characteristics** |  |  |  |  |
| I can **describe** the **global distribution** **(Location)** of **Arctic Polar** regions & have an overview of **Climate** & **Flora (plants) & Fauna (animals)** in these Ecosystems. |  |  |  |  |
| I can **describe** the **global distribution** **(Location)** of **Antarctic Polar** regions& have an overview of **Climate** & **Flora (plants) & Fauna (animals)** in these Ecosystems. |  |  |  |  |
| I can **describe** the **global distribution** **(Location)** of **Coral Reefs** & have an overview of **Climate** & **Flora (plants) & Fauna (animals)** in these Ecosystems. |  |  |  |  |
| I can **describe** the **global distribution** **(Location)** of **Grasslands** & have an overview of **Climate** & **Flora & Fauna** in these Ecosystems. |  |  |  |  |
| I can **describe** the **global distribution** **(Location)** of **Temperate Forests** & have an overview of **Climate** & **Flora (plants) & Fauna (animals)** in these Ecosystems. |  |  |  |  |
| I can **describe** the **global distribution** **(Location)** of **Tropical Rainforests** & have an overview of **Climate** & **Flora (plants) & Fauna (animals)** in these Ecosystems. |  |  |  |  |
| I can **describe** the **global distribution** **(Location)** of **Hot Deserts** & have an overview of **Climate** & **Flora (plants) & Fauna (animals)** in these Ecosystems. |  |  |  |  |
| **Key idea 3 – There are major tropical rainforests in the world** |  |  |  |  |
| I can **describe** and **explain** the **global distribution (Location)** of **Tropical Rainforests** including the **Amazon, Central American, Congo River Basin, South East Asian and Australasian** |  |  |  |  |
| **Key idea 4 – There are major coral reefs in the world** |  |  |  |  |
| I can **describe** and **explain** the **global distribution** **(Location)** of **Warm water coral reefs** including The **Great Barrier** reef, **Red Sea** Coral reef, **New Caledonia** coral reef, the **Mesoamerican Barrier** reef, **Florida** reef and **Andros** Coral reef |  |  |  |  |
| **Key idea 5 - Biodiverse ecosystems are under threat from Human activity** |  |  |  |  |
| I can **describe** and **explain** the processes that operate within the rainforest: **nutrient cycle** and the **water cycle** |  |  |  |  |
| I can **describe** and **explain** the process of **nutrient cycling** that operates on coral reefs |  |  |  |  |
| **Case study 1 – One tropical rainforest – The Amazon Rainforest**  **Key idea 6 – Bio-diverse ecosystems are under threat from human activity** |  |  |  |  |
| I can **describe** and **explain** the **interdependence** of climate, soil, water, plants and humans in the rainforest |  |  |  |  |
| I know the **value** of the **Amazon Rainforest** to **humans** and the **planet** |  |  |  |  |
| I can **describe** and **explain** threats to **biodiversity** in the **Amazon rainforest** |  |  |  |  |
| I can **describe, explain** and **evaluate** attempts to **mitigate** threats to biodiversity through **sustainable use** and **management** |  |  |  |  |
| **Case study 2 – One coral reef – The Great Barrier Reef**  **Key idea 6 – Bio-diverse ecosystems are under threat from human activity** |  |  |  |  |
| I can **describe** and **explain** the **interdependence** of climate, water, plants and humans in the rainforest |  |  |  |  |
| I know the **value** of the **Great Barrier Reef** to **humans** and the **planet** |  |  |  |  |
| I can **describe** and **explain** threats to **biodiversity** in the **Great Barrier Reef** |  |  |  |  |
| I can **describe, explain** and **evaluate** attempts to **mitigate** threats to biodiversity through **sustainable use** and **management** |  |  |  |  |

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| **Unit 2: People of the Planet** | **Definitely need more revision** | **I am OK with this. Some revision needed** | **100% confident** | **Comment (e.g. what you need to do next, location of resources)** |
| **Key idea 1 – The world is developing unevenly** |  |  |  |  |
| I can **explain** the phrase **Social development** |  |  |  |  |
| I can **explain** the phrase **Economic development** |  |  |  |  |
| I can **explain** the phrase **Environmental development** |  |  |  |  |
| I can **explain** the phrase **Sustainable development** |  |  |  |  |
| I can **define** and **describe** a range of **development indicators (e.g. life expectancy, birth rate, etc)** and know if they are social, economic or environmental indicators |  |  |  |  |
| I can **explain** how **GNI per capita** is used as a development indicator and **advantages/disadvantages** of doing so |  |  |  |  |
| I can **explain** how **HDI (Human Development Index)** is used as a development indicator and **advantages/disadvantages** of doing so |  |  |  |  |
| I can **explain** how **Number of Internet Users** is used as a development indicator and **advantages/disadvantages** of doing so |  |  |  |  |
| I can **explain** how **development indicators** illustrate the **consequences** of **uneven development** |  |  |  |  |
| I can **describe** the **current pattern of LIDCs** (low income developing countries), **EDCs** (emerging and developing countries) and **ACs** (advanced countries) |  |  |  |  |
| **Key idea 2 – There are many causes of uneven development** |  |  |  |  |
| I can **describe** and **explain** the **reasons for uneven** **development**, including the **impact of colonialism on trade** and the **exploitation of natural resources** |  |  |  |  |
| I can **describe different types of aid** and their role in both **hindering** and **promoting development** |  |  |  |  |
| **Case study 1 – An LIDC or EDC – India (an EDC)**  **Key idea 3 – Many factors contribute to a country’s economic development** |  |  |  |  |
| I can **describe** the **location** of **India** and **explain** how this **influences** its **development** |  |  |  |  |
| I can **explain** how the **landscape, climate and relief (shape of the land)** of India **influences development** |  |  |  |  |
| I can **describe** the **varied ecosystems** found in **India** |  |  |  |  |
| I can **describe** the **availability** of **natural resources** found in **India** and **explain** how this **influences development** |  |  |  |  |
| I can **describe India’s political development** over time and explain how this **influences development** |  |  |  |  |
| I can **describe India’s main imports** and **exports** and **explain** the **importance of trade** in **India’s development** |  |  |  |  |
| **Unit 2: People of the Planet** | **Definitely need more revision** | **I am OK with this. Some revision needed** | **100% confident** | **Comment (e.g. what you need to do next, location of resources)** |
| I can **explain** the role of **international investment** in the **development of India** |  |  |  |  |
| I can **describe** how India’s **population structure** has **changed** over time and **explain** how this **influences development** |  |  |  |  |
| I can **explain** how **social factors**, including **access to** **education** and **healthcare provision** influence **development** in India |  |  |  |  |
| I can **explain** how **technological developments**, such as **communications technology** influence **development** in **India** |  |  |  |  |
| I can **evaluate** one **aid project** in India **(clean India Campaign)** |  |  |  |  |
| I can use **Rostow’s model** to **determine India’s path of** **development** (i.e. I can say which stage it is at in my opinion) |  |  |  |  |
| **Key idea 4 – The majority of the world’s population now live in Urban areas** |  |  |  |  |
| I **can define** what a **city** is |  |  |  |  |
| I can **define** what a **megacity** is |  |  |  |  |
| I can **define** what a **world city** is |  |  |  |  |
| I can **describe** the **distribution** of **megacities** and **explain** how this has **changed over time** |  |  |  |  |
| I can **explain** how **urban growth rates vary** in parts of the world with **contrasting levels** of **development** |  |  |  |  |
| **Key idea 5 – There are causes and consequences of rapid urbanisation in LIDCs** |  |  |  |  |
| I can **explain** the causes of **rapid urbanisation** in **LIDCs** |  |  |  |  |
| I can **explain** the **push and pull factors** behind **rural-urban migration** in LIDCs |  |  |  |  |
| I can **explain** how **natural growth** (high birth rates) causes cities to grow |  |  |  |  |
| I can **explain** the **social, environmental** and **economic consequences** of **rapid urbanisation in LIDCs** |  |  |  |  |
| **Case study 2 – An LIDC or EDC city – Rio de Janeiro (An EDC city)**  **Key idea 3 – Many factors contribute to a country’s economic development** |  |  |  |  |
| I can **describe and explain** the **influence** of **Rio** within **its region** |  |  |  |  |
| I can **describe and explain** the **influence** of **Rio** within **Brazil** |  |  |  |  |
| I can **describe and explain** the **influence** of **Rio** within the **Wider world** |  |  |  |  |
| I can **describe and explain** the impact of **national migration** on Rio’s growth and character |  |  |  |  |
| I can **describe and explain** the impact of **international migration** on Rio growth and character |  |  |  |  |
| I can **describe and explain** the **ways of life** in Rio including **Culture** |  |  |  |  |
| I can **describe and explain** the **ways of life** in Rio including **Ethnicity** |  |  |  |  |
| I can **describe and explain** the **ways of life** in Rio including **Housing** |  |  |  |  |
| I can **describe and explain** the **ways of life** in Rio including **Leisure** |  |  |  |  |
| I can **describe and explain** the **ways of life** in Rio including **Consumption** |  |  |  |  |
| I can **describe and explain** the **challenges** facing Rio including **Housing availability** |  |  |  |  |
| I can **describe and explain** the **challenges** facing Rio including **Transport provision** |  |  |  |  |
| I can **describe and explain** the **challenges** facing Rio including **Waste management** |  |  |  |  |
| I can **explain** and **evaluate** the **sustainable strategies** used to overcome the **challenge** of **housing availability in Rio (The Favela-Bairro Programme)** |  |  |  |  |
| **Unit 3: Environmental Threats to our Planet** | **Definitely need more revision** | **I am OK with this. Some revision needed** | **100% confident** | **Comment (e.g. what you need to do next, location of resources)** |
| **Key idea 1 – The climate has changed from the start of the quaternary period** |  |  |  |  |
| I **know** what the **quaternary period** is |  |  |  |  |
| I **know** what a **glacial period** is |  |  |  |  |
| I **know** what and **interglacial period** is |  |  |  |  |
| **I know what the Little Ice Age was** |  |  |  |  |
| **I know what the Medieval warming Period (MWP) was** |  |  |  |  |
| **I know about current Global Warming** |  |  |  |  |
| **I can describe and explain 4 pieces** of **evidence** for climate change  **Global Temperature data**  **Ice cores**  **Tree rings**  **Paintings and diaries** |  |  |  |  |
| **Key idea 2 – There are a number of possible causes of Climate Change** |  |  |  |  |
| I **can describe** the theories for the **Natural causes of climate change**  **Changes in earth’s orbit**  **Volcanic activity**  **Variation in energy from the sun** |  |  |  |  |
| I **know** **enhanced Global warming** is |  |  |  |  |
| I **can describe** the **Human actions that are causing of climate change**   * **Burning Fossil Fuels** * **Deforestation** * **Pollution from Industry** * **Pollution from vehicles**   **All these emit gases in to the atmosphere** |  |  |  |  |
| I **can** identify the **gasses** that cause **Global warming** and identify their **sources** |  |  |  |  |
| **Key idea 3 – Climate change has consequences** |  |  |  |  |
| I **can** **describe** the **Social consequences** of **Climate change** |  |  |  |  |
| I **can** **describe** the **Economic consequences** of **Climate change** |  |  |  |  |
| I **can** **describe** the **Environmental consequences** of **Climate change** |  |  |  |  |
| I **can describe** how **Sea level** rise is a serious consequence of climate change using **examples** |  |  |  |  |
| I **can describe** how **Extreme weather** is a serious consequence of climate change using **examples** |  |  |  |  |
| I **can describe** how **Drought** is a serious consequence of climate change using **examples** |  |  |  |  |
| **Key idea 4 – The global circulation of the atmosphere controls weather and climate** |  |  |  |  |
| **I can describe and locate the major climatic regions of the world** |  |  |  |  |
| I **know** what the **Global pattern of air circulation** is |  |  |  |  |
| I **know** what the **3 main air cells are, where** they happen **and what** happens in them  **Hadley**  **Ferrel**  **Polar** |  |  |  |  |
| I **know** what **High** and **Low pressure** is |  |  |  |  |
| I know some **examples** of **extremes of weather**, **Coldest, Hottest, Driest, Wettest and Windiest** places on Earth |  |  |  |  |
| **Unit 3: Environmental Threats to our Planet** | **Definitely need more revision** | **I am OK with this. Some revision needed** | **100% confident** | **Comment (e.g. what you need to do next, location of resources)** |
| **Key idea 5 – Extreme weather conditions cause different natural weather hazards** |  |  |  |  |
| I **know what** a **Tropical storm** is |  |  |  |  |
| I **know where** Tropical storms **occur** |  |  |  |  |
| I **know what** **causes** a Tropical Storm |  |  |  |  |
| I **know how often** they **occur** |  |  |  |  |
| I **know** their level of **frequency is increasing** |  |  |  |  |
| I **know what** a **Drought** is |  |  |  |  |
| I **know where** Droughts **occur** |  |  |  |  |
| I **know what** **causes** a Drought |  |  |  |  |
| I **know how often** they **occur** |  |  |  |  |
| I **know** their level of **frequency is increasing** |  |  |  |  |
| **Key idea 6 –Drought can be devastating for people and the environment** |  |  |  |  |
| ***CASE STUDY of one Drought caused by El Nino /La Nina*** |  |  |  |  |
| I **know** what the **normal conditions** of the **Pacific ocean** are |  |  |  |  |
| I **know** what happens during **El Nino** |  |  |  |  |
| I **know** what happens during **La Nina (not necessary, as long as you know El Nino)** |  |  |  |  |
| ***Drought example - Australia – the Big Dry – 2002 -2009*** |  |  |  |  |
| **I know** what the **causes** were |  |  |  |  |
| I **know** what the **Social consequences** were |  |  |  |  |
| I **know** what the **Economic consequences** were |  |  |  |  |
| I **know** what the **Environmental consequences** were |  |  |  |  |
| I **know** what the **peoples responses** were and how they adapted |  |  |  |  |