Coral reef distribution 2

* recall the different types of reef structure (e.g. fringing, platform, ribbon, atolls, coral cays)
* recognise the zonation within a reef cross-section (e.g. reef slope, reef crest/rim, lagoon/back reef).

**Define:**

|  |  |
| --- | --- |
| **Reef slope** |  |
| **Reef flat** |  |
|  **Lagoon**  |  |
| **Reef crest** |  |

**A fringing reef has which 3 main zones?**

Explain the difference between:

|  |  |
| --- | --- |
| Atoll | Coral cays |
|  |  |

How has sea level change affected the Great Barrier Reef formation?

**Coral cays**

Define the following terms:

**Barrier Reefs**

**Ribbon Reefs**

**Fringing Reefs**

**Platform Reefs**

How has plate tectonics helped us understand and model reef formation?

|  |
| --- |
| **Answer the following questions:** |
| Which zone is the furthest from shore?Which is the closest?Which zone experiences the greatest wave action? | Which zone has the greatest diversity of corals?Which zone contains the greatest diversity of organisms? |

**Label the zones on this reef section:**



**Atoll**

**Identify the following reef types. Give reasons**



**A:**

**B:**

**C:**

**D:**