**Global systems – Key learning**

* **Atmospheric Composition**
  + Percentage of the main elements of the atmosphere
  + Importance of the Earth's atmosphere
* **Earth’s Spheres**
  + The four global spheres: biosphere, atmosphere, lithosphere, hydrosphere
  + Natural events that affect these spheres
* **Cycles in Nature**
  + Carbon Cycle, Nitrogen Cycle, or Phosphorus Cycle
* **Biodiversity**
  + Definition and importance
  + Relationship to ecosystems and climate resilience
* **Weather vs Climate**
  + Key differences between weather and climate
  + Factors that determine weather
* **Wind Formation**
  + Basic explanation of how wind is formed
* **Global Warming & Climate Change**
  + Definition and causes of global warming
  + Factors affecting sea level rise
  + Why modern climate predictions are more accurate
* **Currents and tides**
  + Surface Currents – Causes and effects
  + Deep ocean currents – Causes and effects
  + Tides - Causes