**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