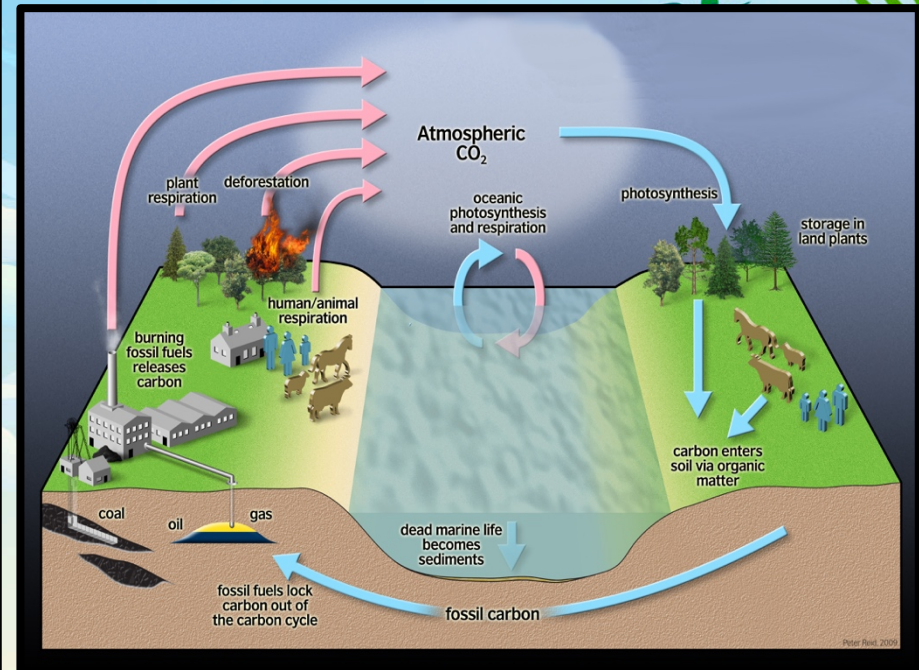


Rainforest Knowledge Placemat

Key Vocabulary

Rainforest	A rich, thick forest of tall trees found in rainy, tropical areas.
Layers	The stages of the rainforest, including emergent and canopy.
Sustainable	Meaning able to be maintained at a certain rate.
Sustainability	The amount that something can be sustained or kept going.
Emergent Layer	The tallest tree layer of a rainforest, sometime as high as 200ft.
Canopy	The upper layer of the habitable forest, formed by tree crowns.
Understory	The layer of vegetation beneath the main canopy of a forest.
Forest floor	Often consisting of roots, soil, and decomposing organic matter.
Amazon	The world's largest tropical rainforest, famed for its biodiversity.
Equator	The imaginary line around Earth's horizontal centre.
Climate change	A change in global or regional climate patterns.
Fairtrade	When workers in developing countries are paid a fair price for their work, by companies in developed countries.
Life cycle	The series of changes in the life of an organism.
Sepal	Protects the flower in bud, and support petals when in bloom.
Petal	Thin coloured or white parts which together form the main surface area of a flower.
Pistil	The female organs of a flower, comprising the stigma, style, and ovary.
Stamen (anther)	The male organ of a flower, consisting of anther and a filament.
Stigma/style	The part of the pistil where pollen germinates.
Pollination	The transfer of pollen to a flower, or plant to allow fertilization.
Seed dispersal	The movement or transport of seeds away from the parent plant.
Germination	The development of a plant from a seed or spore
Chlorophyll	The green pigment in plants responsible for the absorption of light.
Carbon Dioxide	A colourless, odourless gas made up of Carbon and Oxygen. (CO ₂)
Photosynthesis	The process by which green plants use sunlight to produce energy from carbon dioxide and water.
Omnivore	An animal or person that eats food of both plant and animal origin.
Herbivore	An animal or person that eats only plants.
Carnivore	An animal or person that eats other animals.
Producer	An organism that makes their own food.
Consumer	An organism that need to obtain energy from other sources.

The Carbon Cycle (pictured below) is a crucial part of the way that planet Earth survives. Tropical rainforests around the world are vital in the global carbon cycle.



The parts of a flowering plant

During the life cycle of many plants, flowers grow to allow the plant to reproduce.

The many parts of the flower have important functions including the production of seeds.

