

EcoSphere — Concept Poster

Print this and pin it up — an at-a-glance map of the EcoSphere cast and the ideas each one carries. Come back to it whenever you want to remember who teaches what.

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Meet the cast — and what each one teaches

Character	What they carry
Chain	Food chain / trophic flow (energy moving up levels)
Niche	Ecological role / job-in-the-ecosystem
Phase	Succession / ecosystem change over time (primary, secondary, climax)
Crown	Canopy / trophic-pyramid structure (top vs. base)
Brink	Tipping points / ecosystem thresholds / resilience-or-collapse
Cinder	Carbon cycle — the same carbon moves round and round: air to plant to animal to air
Lodge	Keystone species — one species that holds a whole ecosystem together; remove it and the web unravels
Mulch	Decomposition — what dies doesn't leave; it is broken down and handed back to the living
Rill	Water cycle — the same water goes round forever: sea to sky to rain to stream to sea
Sprawl	Invasive species — a species carried somewhere new, where nothing holds it back

Key ideas at a glance

The big concepts this cast helps you master:

- Earth's Four Spheres
- The Carbon Cycle
- The Water Cycle and Climate
- Ecosystems and Energy Flow
- Weather and Climate Patterns
- Human Impact on Earth Systems

- Natural Resources and Energy
 - Climate Change Science and Solutions
 - Ecosystem Dynamics
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