

DepthQuest — Concept Poster

Print this and pin it up — an at-a-glance map of the DepthQuest 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
Reef	Sunlit zone — coral + photosynthesis-zone biodiversity
Drift	Twilight zone — bioluminescent + migratory species
Press	Midnight zone — pressure + cold + giant-squid scale
Smoke	Abyss zone — hydrothermal vents + chemosynthesis
Trench	Hadal zone — deepest trenches + extreme-adaptation
Cling	Intertidal zone — the strip of shore underwater at high tide and open air at low; life that clings between the tides
Drizzle	Marine snow — the constant gentle fall of food from the sunlit top to the dark deep (the biological pump)
Gyre	Ocean currents — the great moving conveyor carrying water, heat, and life in slow giant loops
Neap	Tides — the moon and sun pull the whole ocean; twice a day the sea rises and falls
Sonar	Sound in the sea — light dies fast underwater but sound travels far; send a click and read the echo

Key ideas at a glance

The big concepts this cast helps you master:

- Ocean Zones & Layers
- Marine Life & Habitats
- Ocean Currents & Tides
- Coral Reef Ecosystems
- Deep Sea Exploration
- Marine Conservation
- Ocean Chemistry & Acidification

- Marine Technology & Research
 - earth-science
 - life-science
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