

FossilForge — Concept Poster

Print this and pin it up — an at-a-glance map of the FossilForge 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
Seam	Taxonomic + fossil-type classification — family-resemblance-matching (what KIND of organism?)
Span	Deep-time + geological chronology — scale-of-scales (WHEN did this organism live?)
Branch	Morphological adaptation + evolutionary change — branching-not-laddering
Field	Paleoenvironment + ecosystem reconstruction — fossils-as-a-place-story
Last	Mass extinctions + extinction-event reasoning — witness-and-choose (cross-app cameo with EcoSphere Brink)
Blank	The incomplete record — the fossil record is a story with most of its pages missing
Guise	Convergent evolution — unrelated creatures arriving at the same outward form
Imprint	Trace fossils — fossils of behaviour not bodies: footprints, burrows, trails
Seep	Fossilization — how a living thing rarely becomes a fossil: quick burial, slow mineral swap
Underframe	Homology — the same underlying skeleton, in the same order, beneath different forms

Key ideas at a glance

The big concepts this cast helps you master:

- What Are Fossils? Discovering Ancient Life
- Geological Time — Earth's Ancient Calendar
- Geologic Time Scale
- Excavation & Dating Methods

- Paleontology Careers & Field Work
 - Evolution & Adaptation
 - Mass Extinctions & Climate Change
 - Advanced Dating Methods & Stratigraphy
 - Paleontology
 - Taphonomy
 - Scientific Process
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- **Play it now:** [https:// sparkanvil.org/play/fossilforge](https://sparkanvil.org/play/fossilforge)
- **Meet the cast:** [https:// sparkanvil.org/cast/fossilforge](https://sparkanvil.org/cast/fossilforge)
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