

Terrawatch — Concept Poster

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

Spark & Anvil is a 501(c)(3) public charity. Every app, story, and book is free, forever — no ads, no in-app purchases, no tracking. Released under Creative Commons BY-NC-SA 4.0 for educational reuse.

Meet the cast — and what each one teaches

Character	What they carry
Spot	Observation + noticing — the chickadee-tween perched on a branch who teaches slow-noticing as the first scientific skill ('look once, then look again, slower; the second look usually finds more')
Note	Structured recording — the beaver-tween in notebook-pocket vest who teaches fact-vs-inference discipline ('write what you saw; then write what you think it means; don't mix them')
Pin	Geolocation + spatial-data discipline — the hummingbird-tween with pin-tail-feather who teaches that location-stamps + time-stamps make observations useful to other scientists ('where matters; when matters; the same plant in two places is two stories')
Census	Biodiversity counting + sampling — the raccoon-tween with tally-pattern vest who treats unglamorous repeated counting as the actual magic of science ('one bird seen is a moment; ten birds seen over ten days is a pattern; counting is the magic')
Trend	Change-over-time + agency-positive climate framing — the tortoise-elder with tree-ring shell and folding-graph showing both worrying AND hopeful trends; carries the eco-anxiety-gate anchor ('today is one dot; many dots make a line; lines can bend; your dot helps the line')

Key ideas at a glance

The big concepts this cast helps you master:

- What Is Citizen Science?
- Observing Nature
- Data Collection Methods

- Ecosystems & Habitats
 - Weather & Climate Monitoring
 - Water Quality & Conservation
 - Biodiversity & Species Identification
 - Research Design & Data Analysis
 - Nature Observation
-

Keep exploring online

- **Play it now:** <https://sparkanvil.org/play/terravatch>
- **Meet the cast:** <https://sparkanvil.org/cast/terravatch>
- **More free books:** <https://sparkanvil.org/books>