

MakerForge — Concept Poster

Print this and pin it up — an at-a-glance map of the MakerForge 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
Sketch	Ideation + concept development — the wild-thinking squirrel-tween who treats divergent brainstorming as judgment-free play ('many before few; wild before tame; crooked sketches are also sketches')
Spec	Material + constraint commitment — the measured owl-tween who treats spec-commitment as the moment imagination meets physics ('constraints are the shape of the possible')
Mill	Fabrication + build — the careful beaver-tween who carries the cluster's tool-safety anchor ('tool first checked, adult first told — then we build')
Try	Prototyping + iteration — the patient salamander-tween who treats first failure as expected design-process behavior ('first try fails, second try tells, third try shapes the design')
Log	Documentation + reflection — the wise turtle-elder who treats the notebook as the actual deliverable ('make it, mark it, share it — the notebook is the project')

Key ideas at a glance

The big concepts this cast helps you master:

- Introduction to Making and the Design Process
- Materials and Their Properties
- Basic Circuits and Electronics
- 3D Design and Printing Fundamentals
- Arduino and Microcontrollers
- Prototyping and Iteration
- Advanced Fabrication Techniques
- Master Maker Capstone

- Maker Space & DIY
 - Design Documentation
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