

One real build. Nothing to clean up.

PREPARED FOR

Built Curious is a student-run nonprofit. We arrive with a crate of materials, run one complete engineering build with your students, and leave with our own mess.

We use paper, tape, fasteners and pennies, with no heat, chemicals, water, power tools or sink. Your desks are the equipment.

FITS INTO A class period. A club meeting. After-school, library time, advisory, an enrichment day, a family STEM night. Any 45 to 60 minute block with a room and students in it.

WE BRING

- + Materials for 30 students, plus spares
- + Every tool the build needs: safety scissors, hole punches, rulers
- + A take-home card for each student
- + Setup, cleanup, and our own trash bag

YOU PROVIDE

- A room with desks and 45 to 60 minutes
- One staff member in the room
- Ten minutes to set up beforehand
- No prep, no printing, no purchasing

NO.	WORKSHOP	GRADES	WHAT THEY BUILD	TIME
01	Paper Gripper	3–5	A card claw that lifts a marker	45 min
02	Card Gears	4–6	A gear train: fast and weak, or slow and strong	45 min
03	Index-Card Bridge	5–8	A span loaded with pennies until it drops	40 min
04	Paper Circuits	4–7	A folded card that lights an LED	45 min
05	Rubber-Band Racer	5–8	A card chassis that drives itself	50 min

Curriculum fit

One full engineering design cycle per session: name the constraints, build, test to failure, change one variable. Maps to NGSS 3-5-ETS1-1 through 3, and MS-ETS1-1 through 4. We send the alignment for whichever workshop you pick.

The same shape every time

01	02	03	04	05
We set up Ten minutes early. Materials counted out per pair.	Take one apart A click pen or a dead keyboard. Screwdrivers only.	Build in pairs One brief. No instructions to copy.	Test to failure On purpose. We ask what broke first.	They keep it It fits in a folder, with a card explaining it.

Safety

Built for a carpeted room with no sink.

- No heat, flames, glue guns or soldering
- No chemicals, liquids or stains
- No power tools, nothing plugged in
- Cutting is safety scissors and hole punches
- Coin cells counted out and back in by an adult, never below grade 4

Supervision

An adult runs every session, start to finish.

- Sahana Venktesh is present the whole visit, setup through cleanup
- Student instructors are never alone with students
- We complete any district screening or visitor paperwork in advance
- Your staff member stays in the room

Akshobya Rao

FOUNDER AND LEAD INSTRUCTOR

Writes the workshops, runs the build, handles scheduling. High school student, engineering and research background.

Sahana Venktesh

SUPERVISING ADULT

Present at every session. Responsible for supervision, safety and materials. Your contact for school or district requirements.

QUESTIONS WE USUALLY GET

How many students?	Up to 30. A larger group runs as two back-to-back sessions.
What if we only have 40 minutes?	We run a 40 minute build, or cut the opener and keep the build whole.
Can our teachers repeat it later?	Yes. We leave the one-page brief and the materials list.
Do you come back?	As often as you want. Most schools run all five across a term.

Cost

Free. We are a nonprofit and cover materials for every partner school. No invoice, no purchase order, no minimum number of sessions.

What we are asking for

One session with one group. Send two or three dates and the grade level. We confirm within a day, send the standard alignment, and complete any paperwork your district needs.

hello@builtcurious.xyz

BUILT CURIOUS • NONPROFIT
GRADES 3 TO 8