



ENGINEER@HOME / FOR ALL UNITS

Caregiver Quick Guide

Simple ways to explore engineering together | Ages 6-10

ASK

IMAGINE

CREATE

TEST

IMPROVE

You do not need to be an engineer.

Your job is not to give answers. Explore alongside your child: listen to their ideas, use what you have, and celebrate trying again.

A simple routine for any engineering activity

ASK

What is the challenge?

Read the goal together. What do you notice?

IMAGINE

What could we try?

Let your child suggest ideas. No example design is needed.

CREATE

Let your child lead.

Use everyday materials. Help with safety, not the solution.

TEST

Notice what happens.

Try the design. What worked? What surprised you?

IMPROVE

What might change?

Try one change, or take a break and return later.

Three reminders that matter

Let your child decide. Ask a question rather than showing a design. Keep it flexible. Talking, drawing, or writing can help children share ideas. Pause anytime. You can return later.

Finding resources: On the website, choose your unit for lessons, notebook, printables, videos, books, and the Engineering Cycle Poster.