



ENGINEERING LOGBOOK

Clean Printable Edition


Name:

Start Date:

Level (if known):

This logbook belongs entirely to the student.

It is never graded, never corrected, and never shown to anyone without the student's permission.



HOW TO USE THIS LOGBOOK

Every time you work on your trains, building kits, wiring, scenery, or troubleshooting — fill out one entry page.

Each entry has only three parts:

1. What happened today
2. What you tried
3. What you want to try next time

Drawings, arrows, diagrams, scribbles — all of it counts.

This logbook becomes a record of how you think, what you notice, and how your skills grow over time.

TIPS FOR GREAT ENTRIES

Good Things to Include

- Sketches of track, wiring, or buildings
- Notes about what worked and what didn't
- Questions you want to ask at the club or online communities
- Measurements or observations
- Mistakes — because mistakes are data

Helpful Prompts

- *"The locomotive stalled at the same spot."*
- *"I cleaned the track but it didn't fix it."*
- *"Next time I want to test the wheel gauge."*
- *"I think the glue didn't hold because the surface wasn't flat."*
- *"I want to ask why the motor slows down."*

END-OF-LEVEL REFLECTION

LOOKING BACK ON THIS LEVEL

What was the most interesting thing I figured out?

What problem took the longest to solve?

What did I learn about how I think?

What do I want to learn next?

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