



# ENGINEERING LOGBOOK

*Illustrated Edition*

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**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.*

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## 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

<input type="checkbox"/> <input type="checkbox"/>	<b>What was the most interesting thing I figured out?</b>
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	

	<b>What problem took the longest to solve?</b>
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	

<input type="checkbox"/> <input type="checkbox"/>	<b>What did I learn about how I think?</b>
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	

<input type="checkbox"/>	<b>What do I want to learn next?</b>
<input type="checkbox"/>	