Practical route session 5 · Design against requirements

Target: Design against requirements. Planning estimate: 55–70 min or two blocks.

Print / prior evidence

Use the exact Choose, Test and Improve a Thermal Protector print selections and tasks from Paper session 6; complete the full proposal→reveal cycle.

Prerequisites: preceding collected evidence or the corresponding standalone kit bridge. The Cool-water investigation operational setup must be fully checked before handling.

Demonstration / learner work / collect

Check every requirement, choose a priority, propose a matched test and reassess fictional redesigns.

Next decision / continuation

first follow-up and second follow-up as needed; prepare the Cool-water investigation teacher operational card and instruments before the next session.

No equipment homework or mandatory student internet access. Use the complete Cool-water investigation fallback for learners who do not handle equipment or when equipment is unsuitable; record that the fallback does not show construction or testing.