Science exhibition model reliability test sheet

Fill in the top, then run each test and tick only what you saw happen. Do it the week before the exhibition, so there is time to fix whatever fails.

Name _____ **Class and section** _____

Model _____ **Exhibition date** _____

Power source _____

WORKS EVERY TIME

- [ ] Switched off and on twenty times in a row, with no miss
- [ ] Runs that worked: 1 ___ 2 ___ 3 ___ 4 ___ 5 ___ 6 ___ 7 ___ 8 ___ 9 ___ 10 ___ 11 ___ 12 ___ 13 ___ 14 ___ 15 ___ 16 ___ 17 ___ 18 ___ 19 ___ 20 ___
- [ ] Ran again after being carried in its bag or box
- [ ] Ran through a long session, used as visitors will, with nothing getting warm
- [ ] Fresh battery fitted, and a spare packed in its wrapper

ONE CLEAR PRINCIPLE

- [ ] My principle in one sentence: _____
- [ ] The principle is written in one sentence on the chart
- [ ] A friend watched for ten seconds and said what it shows
- [ ] Every part on the board helps show that principle

EASY TO READ AND TO TRY

- [ ] Title and labels can be read from three steps back
- [ ] The effect can be seen from three steps back
- [ ] A visitor worked it without help, using the instruction card
- [ ] Buttons, levers and syringes are fixed firmly

SAFE POWER

- [ ] Battery or cells only, or an adult handles the mains plug
- [ ] Wires taped flat, with no bare joints within reach
- [ ] Battery unclipped in quiet spells and at breaks
- [ ] Water kept in a tray, away from the battery and switch
- [ ] Any heat comes from a cup of hot water, set where nobody can knock it

I CAN EXPLAIN EVERY PART

- [ ] I can name every part and say what it does
- [ ] I can say what happens if any part is removed
- [ ] I can give one real use I have seen
- [ ] I have one reading, comparison or change of my own
- [ ] I have said my one-minute explanation aloud, to someone

PACKED FOR THE DAY

- [ ] Spare battery, tape, spare wire and a small screwdriver
- [ ] Instruction card and a printed copy of the chart
- [ ] A torch or lamp, if the model uses a solar panel
- [ ] A short phone video of it working, to show if it fails on the day

NOTES

Anything left unticked: fix it, or make the model simpler, before the day. Want a model the store does not list? Message the head office on WhatsApp with what you need and when.

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