

Technologies: make and trace

Two subjects; keep physical testing and program runs distinct.

DESIGN · PAPER LABEL HOLDER

Need: stand 10 seconds; fold flat; one reusable scrap.

Idea / material: _____

Made and tested? REAL / MODEL / PLAN

Test result: _____

One revision: _____

Keep a first version so change can be inspected.

DIGITAL · IF / ELSE / REPEAT

INPUT: RETURN, BORROW or HOLD

IF label = RETURN → LEFT

ELSE → RIGHT

REPEAT for each of 3 tokens; then STOP.

Trace one input / output: _____

Actual visual program run? YES / UNPLUGGED

Change one block, predict, then test again.