

Make something that moves

engineering

What you need: card pieces (cereal-box card or classroom card, pre-cut rectangles about A5 plus spare) · paper strips (for pull-tabs and lever arms) · split pins (paper fasteners) · masking tape or sticky tape · blunt wooden skewers or thin dowels (for cart axles: two per cart, plus spares) · wheels (thick card circles with centre holes pre-punched; four per cart) · round-tip scissors · small light loads (rubbers or large paper clips) for lever tests · hole punch (adult use, top-ups only) · half-started lever bases (base card with split pin already in) · ready sample models (one lever, one four-wheel cart, one pull-tab) for join demos

Words to use

Moving part · Job

Our question

What one change makes our moving part work more smoothly?

I predict...because...

What we found out

Draw Our finished model and its one moving part

What one change did you make?

Is the moving part smoother now? How can you tell?

