

# Simple Machines

Can a machine you design make your life easier?

START  
HERE!

## BRAINSTORM

Develop ideas for a new machine or modify an existing machine.

## DESIGN BRIEF

Fill in the proposal form.

Talk to your peers during the planning process.

NO

Teacher Approval

YES

## DESIGN YOUR MACHINE

Include a diagram and a full description of the materials used.

Prototype and refine

## CONSTRUCT YOUR MACHINE

Document any changes to your plan.

COLLECT EVIDENCE: drawings, prototype models, drafts, final copies, journal

## EVALUATE

Was your machine effective?  
Would your machine make your life easier?  
What are the limitations of your machine?

## PRESENT FINDINGS

Advertising campaign  
Billboard  
Photostory  
Webpage