

Brief & Assessment Rubric

Project 1: Garden Cover

Background:

The plants in Room 2's garden are being damaged by balls from the front courtyard. We need a cover to protect them.

Aim:

1. Design a garden cover by drawing it and making a model from your ideas
2. Find or buy materials for the cover and then build it
3. Test the cover to make sure it works
4. Write an explanation for your design, to go with the model

Design Criteria:

The cover should:

1. Be strong enough and stiff enough that balls do not break it or bend it enough to hit the plants
2. Cost less than \$30 to make
3. Fit under our windows
4. Be high enough that plants can grow to under it
5. Be able to be opened so that we can:
 - a. Plant or sow new plants
 - b. Weed the garden
 - c. Water the garden
 - d. Let sunlight, rain and air in
 - e. Harvest the plants

Assessment Rubric:

	Needs lots more work	Only just OK	Good	Excellent
Drawing	Messy and hard to understand	Drawing can be understood but it has no labels	Drawing is clear and has the main parts labelled	Drawing is clear, neat, has labels and other notes to explain it
Model	Can't see how it is meant to work	Can see how it works but only just	Easy to see how it is meant to work	Easy to understand and is well made
Cover	Doesn't meet the main design criteria	Meets the main design criteria but does not work well	Meets the main design criteria and works well	Meets all of the design criteria and works well
Explanation	Explanation does not help us understand the design	Explanation gives us some idea of how the design works	Explanation tells us how the design works and how the design decisions were made	Explanation tells us how the design works, how the design decisions were made and some other ways the cover could have been made