Help Me Peel

Approach: Station

Focus: Designing equipment for a person with a physical disability. *Resources*: photograph, instruction card, recording sheet.

Level: Year 4 and year 8

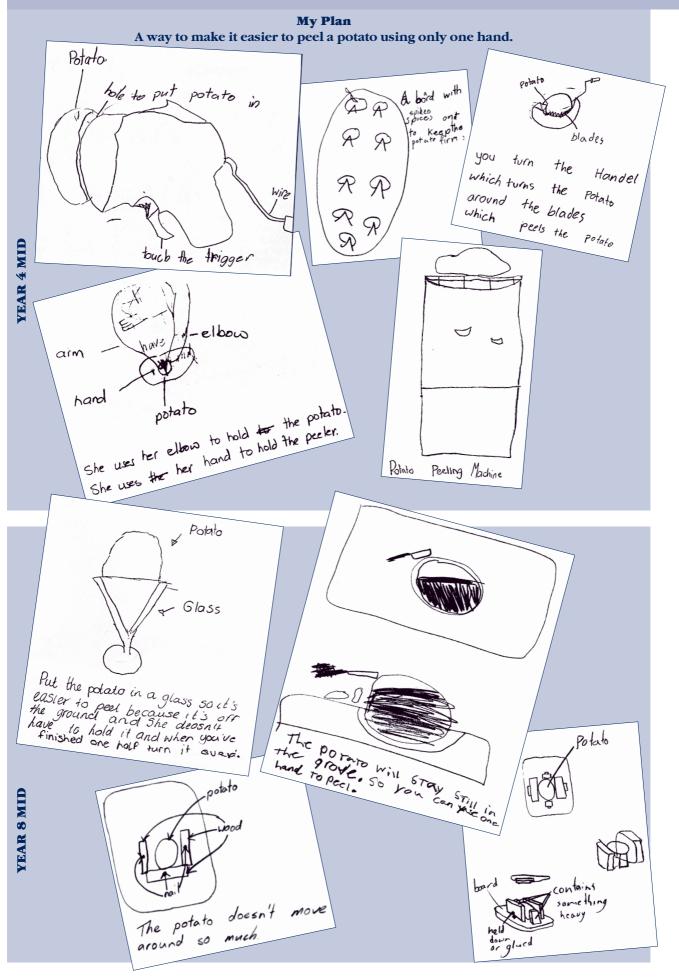


Questions/instructions: % responses % responses						
Questions/instructions:	-	y8			-	y8
Read the instruction card and draw your	71	yo			ут	yo
plan here.						
does plan need second person: no	74	94		quality of explanation		
yes, to help	15	4		quite detailed	29	60
yes, to peel potato	11	2		rudimentary	56	34
does plan seem workable: yes, clearly	26	23		none	15	6
probably	21	42		nature of solution		
possibly	31	27		way of holding potato still	39	71
no	22	8		way of holding peeler still	2	4
quality of plan/diagram				machine that can be operated with one hand	15	12
as a drawing, not judging workability				getting someone else to peel potato	9	2
quite detailed	24	55		getting someone else to help	13	4
rudimentary	67	42		no workable solution	22	7
none	9	3				

Commentary:

This task would have been better if the instructions had ruled out help from another person with the task of peeling the potato. About one quarter of the year 4 students used that option, which accounts for slightly higher workability that they achieved. Otherwise, 20 to 30 percent more year 8 than year 4 students succeeded with the main elements of this task.

Chapter 4: Technological Capability



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