

Approach: One to one
 Focus: Instructing, directing
 Resources: Video on laptop computer, picture



DESCRIPTION: Video of process from packet to popcorn, ready to eat. No voiceover; soundtrack of cooking sounds only.

Questions / instructions:

This activity uses the computer.

I want you to tell me how you would explain to someone how to make popcorn. You will need to give very good instructions, so that someone would know exactly what to do and things they should be careful about. We will watch a video of popcorn being made so that you have the information you need.

Click the *Popcorn Making* button.

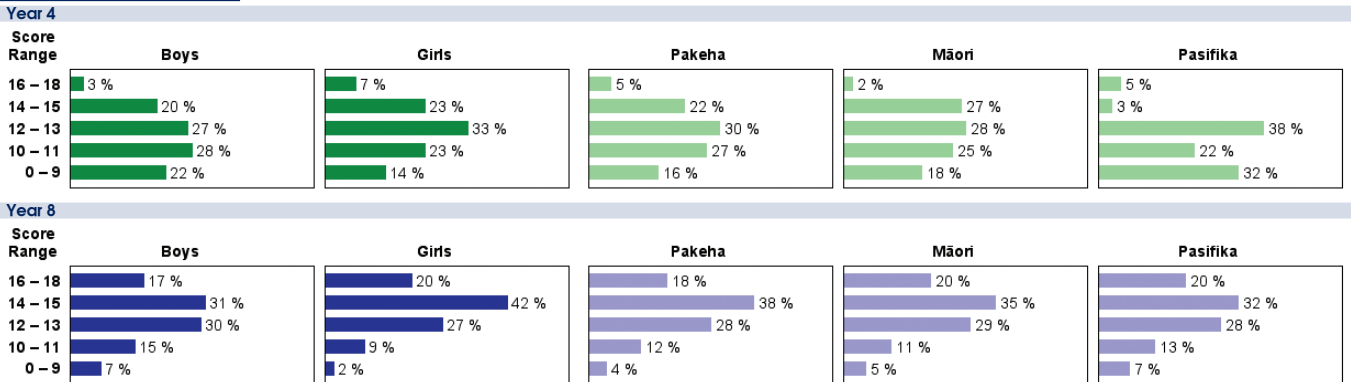
Here are some photos from the video to remind you how to make popcorn.

Hand out picture. [Images from video, same as above.]

Look at the pictures and think about the instructions you would give to someone so that they could make popcorn. When you are ready, tell me what instructions you would give from the start to the finish.

	% response 2008 ('04)			% response 2008 ('04)	
	year 4	year 8		year 4	year 8
Explanation:			Sequencing and organisation of steps:		
Get popping corn	70 (77)	81 (82)	all steps mentioned are in correct order	74 (77)	71 (73)
Cut/get butter	70 (82)	80 (80)	one or more steps mentioned are out of order, initially, but corrected	8 (7)	10 (10)
Put butter into pot/pan/saucepan	83 (85)	86 (85)	one step mentioned is out of correct order	13 (10)	15 (13)
Put pot on stove	45 (40)	51 (50)	two steps mentioned are out of correct order	3 (3)	3 (4)
Turn stove/element on	30 (35)	53 (46)	explanation jumbled or very limited	2 (3)	1 (0)
Wait for butter to melt	66 (64)	89 (93)	Speech clarity:		
Put corn into pot – yes, using spoon	27 (31)	54 (58)	very clear and well articulated	58 (62)	74 (81)
yes	68 (63)	45 (42)	some minor limitations in speech clarity	38 (32)	24 (16)
Put lid on pot	47 (38)	74 (79)	some significant difficulties in understanding words spoken	3 (4)	2 (3)
Wait for corn to pop – fully mentioned	30 (22)	55 (44)	very hard to understand	1 (2)	0 (0)
Take lid off	43 (56)	33 (37)	Total score:		
Tip popcorn into bowl	12 (14)	17 (14)	16–18	5 (5)	19 (20)
	74 (63)	84 (90)	14–15	21 (17)	36 (34)
			12–13	30 (36)	28 (29)
			10–11	26 (30)	12 (13)
			0–9	18 (12)	5 (4)

Subgroup Analyses:



Commentary:

As was the case with “Wasp Nest”, most students described some of the steps in the process and in the correct order, but many omitted a lot of the details. Year 8 Pakeha, Māori and Pasifika students performed very similarly, as did year 4 Pakeha and Māori students.