

Approach: Station
 Focus: Generating possible solutions and related strategies
 Resources: 7 blank stickers

Year: 8

Questions / instructions:

Some people who make and sell lots of pies want to invent a new kind of pie. **Before** they make lots of a new kind of pie, there are lots of things to think about and find out about.

1. Think about **each thing** they would need to do, before they start to make the pies.
2. Write each thing on a sticker — but don't stick them down yet.
3. Put your stickers into the order that things will be done.
4. Now stick the stickers onto the answer page.
5. Draw arrows to show the order that things will be done.

Developing prototypes for new kind of pie:

brainstorming ideas	43 (42)
surveying/seeking ideas from other people	23 (24)
trying out different recipes and processes	20 (23)
considering appearance issues	20 (23)
testing taste and appearance	22 (33)
modifying/refining recipe and processes	13 (15)
deciding on new type of pie	
following this process	20 (29)
developing packaging	15 (27)

Planning large scale production and marketing for new pie:

planning quantities and specific ingredients	23 (29)
identifying appropriate suppliers	6 (9)
making sure that you have the required equipment and staff	31 (27)
finding out the cost of production, setting the price	16 (20)
planning advertising, marketing activities	11 (13)

Order of stickers:

all stickers in appropriate order	55 (58)
one sticker not in appropriate order	11 (12)
two stickers not in appropriate order	3 (1)
order jumbled	3 (2)
no order shown	28 (27)

Total score:	12–16	2 (3)
	9–11	15 (28)
	6–8	37 (26)
	3–5	19 (16)
	0–2	27 (27)

Commentary:

Most of the students focused mainly on making the pie, rather than on the design, mass production and marketing elements. There was a moderate decline in the higher scores between 2000 and 2004.