

Addition facts

Approach: Station

Level: Year 4 and year 8

Resources: Video

Questions/instructions

The video explained that students were to attempt a series of additions which would be presented on the screen and also spoken on the soundtrack. Each item took approximately 2 seconds to speak, and there was a gap of about 3 seconds before the next item was presented.

6 + 8	9 + 0	9 + 3
1 + 4	3 + 9	8 + 2
0 + 7	8 + 8	5 + 3
2 + 7	4 + 5	1 + 3
3 + 5	3 + 7	2 + 9
4 + 6	1 + 8	8 + 6
6 + 9	0 + 5	4 + 0
5 + 6	9 + 5	5 + 2
8 + 1	4 + 3	0 + 4
7 + 0	8 + 0	3 + 2

	% responses		
	y4	y8	
Number correct:	30	44	68
	29	13	16
	28	9	5
	27	10	6
	20-26	17	4
	10-19	5	1
	0-9	2	0

Commentary

Students performed well on these simple additions, with 76% of year 4 students and 95% of year 8 students getting at least 27 of the 30 additions correct. The items beginning with zero were noticeably less well done than the other 27 items. At year 8, 92% of students got the zero plus items right compared to an average 98% for all other items. There was a similar pattern for year 4 students. These results suggest a useful teaching point, focusing on adding numbers to zero.