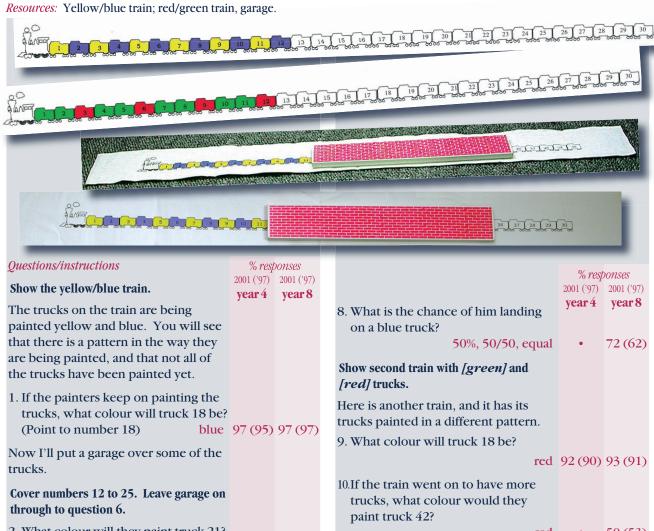
Train Trucks TREND

Approach: One to one Level: Year 4 and year 8

Focus: Patterns/sequences.



2. What colour will they paint truck 21?

yellow 81 (76) 87 (83)

3. What colour will they paint truck 26?

blue 69 (69) 85 (78)

4. If the train went on to have more trucks, what colour would they paint truck 39? yellow 64 (59) 83 (75)

5. How did you work that out?

not marked

6. If the train had 60 trucks, how many would be painted yellow?

30 57 (53) 84 (86)

7. If Batman came swooping down and landed on a truck, do you think he would definitely land on a blue truck, he might land on a blue truck, or he wouldn't land on a blue truck?

might 74 (62) 90 (88)

8. What is the chance of him landing on a blue truck?	year 4	year 8	
50%, 50/50, equal	•	72 (62)	
Show second train with [green] and [red] trucks.			
Here is another train, and it has its trucks painted in a different pattern.			
9. What colour will truck 18 be?			
red	92 (90)	93 (91)	
10.If the train went on to have more trucks, what colour would they paint truck 42?			
red	•	50 (53)	
11.How did you work that out? not marked			
12.How many green trucks would there be all together up to 42? 28	•	20 (17)	
13.If Batman came swooping down and landed on a truck of this train, do you think he would definitely land on a green truck, he might land on a green truck, or he wouldn't land on a green truck?			
	59 (51)	74 (73)	
14. What is the chance of him landing on a green truck?			
2/3, 2 out of 3, 67% or similar	•	23 (26)	

Commentary

The 2001 year 4 students were a little more successful than their 1997 counterparts. The results for year 8 students were more mixed.