



## Student Mathematics Achievement Mid-Year 2011

**Interpretation Key:**  
**Red numbers = Boys**  
**Black numbers = Girls**

New Zealand National Standards

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	
						Well Above
					9%	Above
					11% 7%	
				7%	82%	At
				5% 9%	82% 82%	
			10%	84%	9%	Below
			13% 6%	81% 87%	7% 11%	
		0%	60%	9%		Well Below
			46% 78%	14% 4%		
	2%	76%	30%			
	0% 4%	71% 82%	41% 16%			
0%	79%	24%				
	79% 83%	29% 18%				
94%	19%					
95% 93%	21% 13%					
6%						
5% 7%						

All data shown above is based on rigorously moderated overall teacher judgements (OTJs) based on all the assessment evidence gathered about the students - both formative and summative. It is not as simple as just sitting one test to decide whether students have met the national standard or not.

- The target of 85% being at or above National Standard is currently being met by Year 1 (94%), Year 5 (91%) and Year 6 (91%). This year the Mathematics overall achievement level was calculated using a wider range of assessment data and incorporated both number knowledge and strategy stage, in 2010 these two areas were reported on separately.
- The biggest area of concern is in Year 3 and Year 4 where children can take a long time to move through mathematics Stage 5 which is very broad. Children are required to independently use cognitive thinking to solve more complex mathematical problems and to clearly verbalise their thinking.
- In no year group is there more than 10% achieving above current National Standards. There is a higher percentage of boys performing below National Standard in all year groups with the exception of Year 6.
- This year we are trialing the COSDBRRICS programme to strengthen students performing below expectation in number knowledge.