Assessment Resources Map – Mathematics

Age (years)	5	6	7	8	9	10	11	12	13	14
Year Level	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
Curriculum level	Level 1		Level 2		Level 3		Level 4		Level 5	
PaCT - Progress and Consistency Tool	Learning progression frameworks (LPF) break down the aspects of reading and illustrate the stages of learning. The frameworks are aligned to the NZC. The LPF underpins the PaCT which captures teacher judgments on aspects of reading and recommends an overall judgment that a teacher confirms or reviews.									
Expected numeracy stages	1, 2 & 3 Counting All	Stage 4: Advanced Counting	Stage 5: Early Additive		Stage 6: Advanced Additive		Stage 7: Advanced Multiplicative		Stage 8: Advanced Proportional	
Numeracy Development Projects' Tools – **NumPA**	Numeracy Project Assessment (Diagnostic Interview) Te Uiui Aromatawai									
Numeracy Development Projects' Tools – **GloSS**	Global Strategy Stage Assessment (GloSS) Āpitihanga Uiui Rautaki									
Numeracy Development Projects' Tools – **IKAN**			Individual Knowledge Assessment for Numeracy (IKAN) Ngā Aromatawai Mātauranga Tau							
Numeracy Development Projects' Tools – **JAM**	Junior Assessment of Mathematics (JAM) He Uiui Aromatawai Tōmua i te Pāngarau									
Other Tools – **ARBS**	Assessment Resource Banks (ARBs) are a collection of classroom assessment resources for students working at curriculum levels 1 – 6 in mathematics.									
Other Tools – **e-asTTle Maths**				Mean scores (aMs) at year end						
				1389	1430	1466	1500	1535	1567	1601
Other Tools – **NMSSA**	The National Monitoring Study of Student Achievement tests students in years 4 and 8. NMSSA reports give useful information about national levels of student achievement and areas of difficulty.									
				NMSSA Maths				NMSSA Maths		
Other Tools – **PAT: Mathematics 2nd Edition (2009)**	Scale score (patm) mean (Term 1) per year level		Progressive Achievement Tests: Mathematics 2nd Edition (updated 2009) Mean score at start of year							
		21.4	30.6	38.9	45.1	49.6	55.0	60.6	65.4	
Other Tools – **NZ Curriculum Exemplars**	These are exemplars of mathematical tasks used to support teaching and learning (Levels 1 – 5). Be aware that these exemplars, while still useful, relate to the curriculum levels and achievement objectives in the five strands set out in Mathematics in the NZ Curriculum, 1992. These, and the progressions of learning described, may not correspond with those described in the 2007 New Zealand Curriculum nor successive curriculum descriptors such as the Learning Progression Frameworks.									
Other Tools – **NZC Exemplars for Learners with Special Education Needs**	Exemplars of work for students who are expected to learn long-term within Level One of the New Zealand Curriculum.									

Notes:

- Shaded regions indicate levels out of range of the tool
- Mean scores have been given for some tools. Be aware that a mean score does not necessarily correlate with the curriculum expectation. When using a normed tool to assist with making a teacher judgment, teachers should refer to the cut scores for the tools where available.
- The map should be read in combination with the Assessment Tool Selector in order to determine whether a tool is fit for purpose.
- Inclusion of a tool in this resource map does not indicate endorsement by the Ministry of Education.
- The map is not intended to limit a school's choice of tool.