

0	E	Emergent
1	1	One to one Counting
2	CAM	Counting from One on Materials
3	CAI	Counting from One by Imaging
4	AC	Advanced Counting
5	EA	Early Additive
6	AA	Advanced Additive
7	AM	Advanced Multiplication
8	AP	Advanced Proportional

Individualdiagnose und individuelle Förderung

Datengestützter Unterricht in Neuseeland





Dunedin

University of Otago
College of Education

A s s e s s m e n t

f o r

L e a r n i n g

„In zahlreichen empirischen Studien zeigte sich ..., dass vor allem leistungsschwächere Schüler von formativen Leistungsmessungen profitieren und gleichzeitig die Leistungswerte aller Schüler gesteigert werden konnten.“

(Verweis auf Black, Timperley, Hattie)

Maier, U.: Formative Assessment – ein erfolgversprechendes Konzept zur Reform von Unterricht und Leistungsmessung.
In: ZfE (2010), S. 300

Formative Assessment

QUIT

Assessment Resource Banks

What is formative assessment?

Assessment becomes formative when the evidence from assessment is used to adapt teaching to improve learning

Formative Assessment:

- Is an integral part of the teaching and learning process
- Can take place at any stage of the teaching and learning programme
- Involves feedback to students about their learning

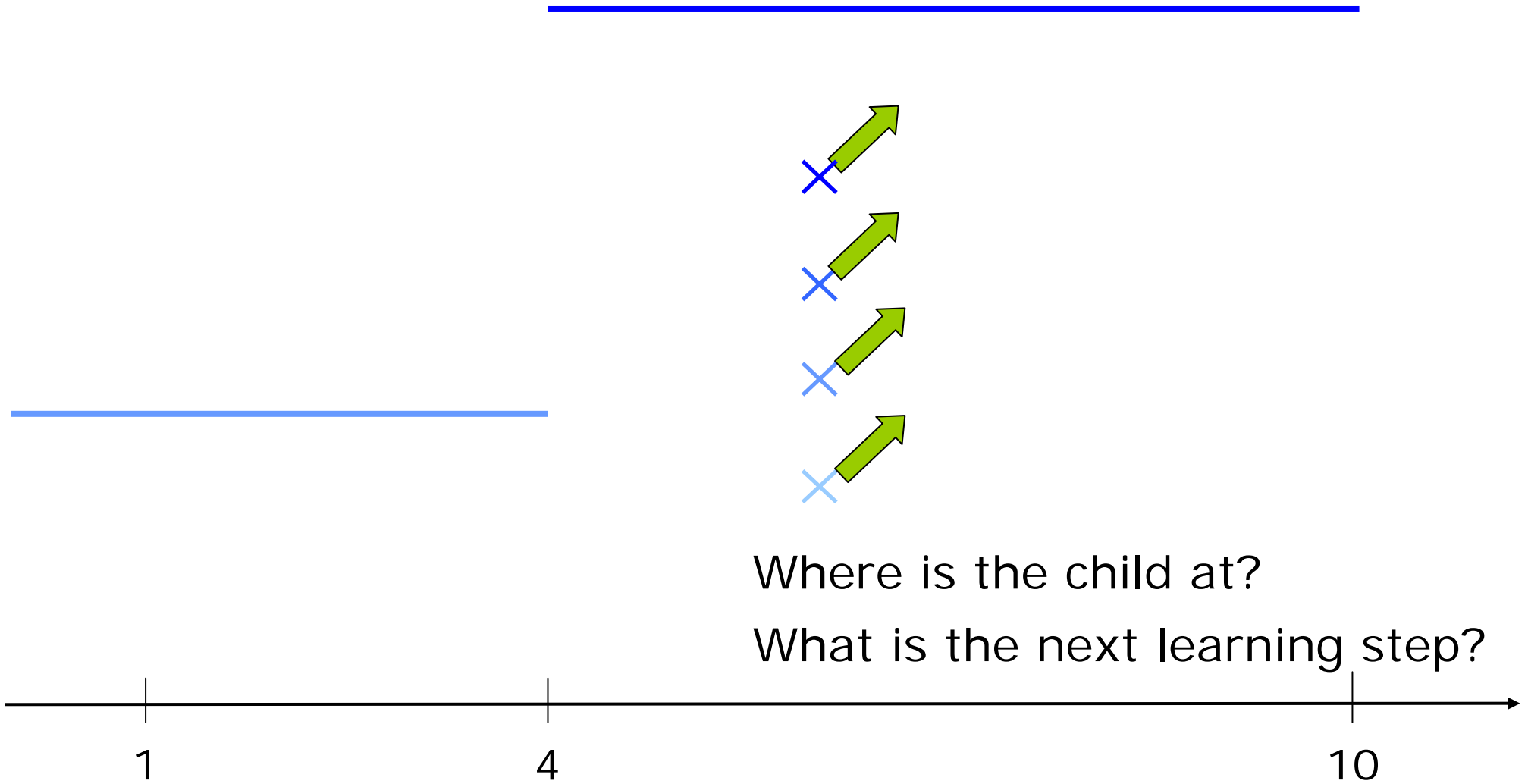
Research says strengthening formative assessment:

- Produces significant and often substantial learning gains for all students
- Is especially effective for low achievers
- Actively involves students in their learning, leading to the development of skills for life-long learning

Black et al, 2002



Formative Assessment



Where is the child at?

What is the next learning step?

Absichten:

- Möglichkeit zur aktiven Auseinandersetzung mit Diagnose- und Fördermaterialien Neuseelands geben
- Über Fortbildung und Assessment in Neuseeland informieren
- Möglichkeit zum Austausch zu systematischen Ansätzen formativer Beurteilung geben
- Entwicklungen, Herausforderungen und Perspektiven der Standardsicherung, Standardüberprüfung und Schulentwicklung diskutieren

Übersicht

- AfL
- Fortbildungskonzept Numeracy
 - Kompetenzentwicklungsmodell
 - Diagnostisches Interview
 - Unterrichtsskript
- Assessment
- ggf. Arbeit mit Projektmaterialien
- Diskussion

Reform des Mathematikunterrichts

- TIMSS 1997
- Mangelnde Akzeptanz des neuen Curriculums
- Nationale Projektgruppe
 - individuelle Förderung aller Lernenden
 - insbesondere Unterstützung der Maori
- Count Me In Too (Australien, Jahrgänge 1 – 3)
- Erprobung, wissenschaftliche Begleitung
- Erste Umsetzung 2000
- Schrittweise Erweiterung des Programms auf die Jahrgänge 4 – 10

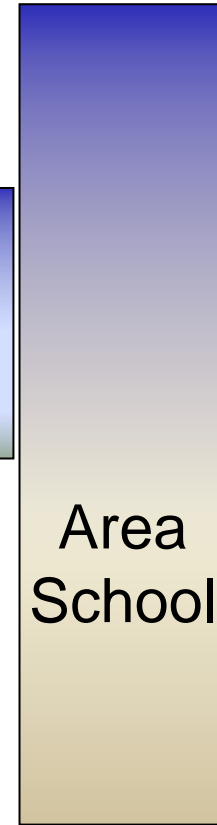
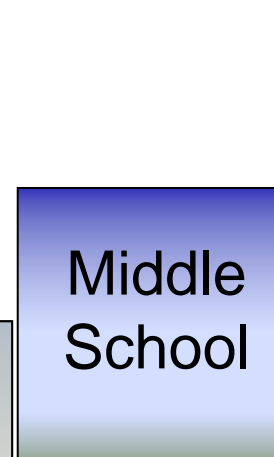
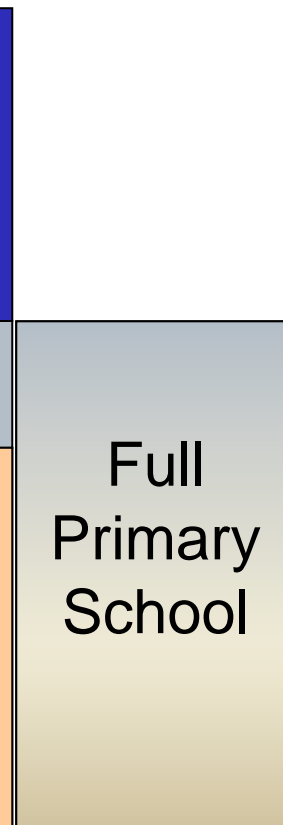
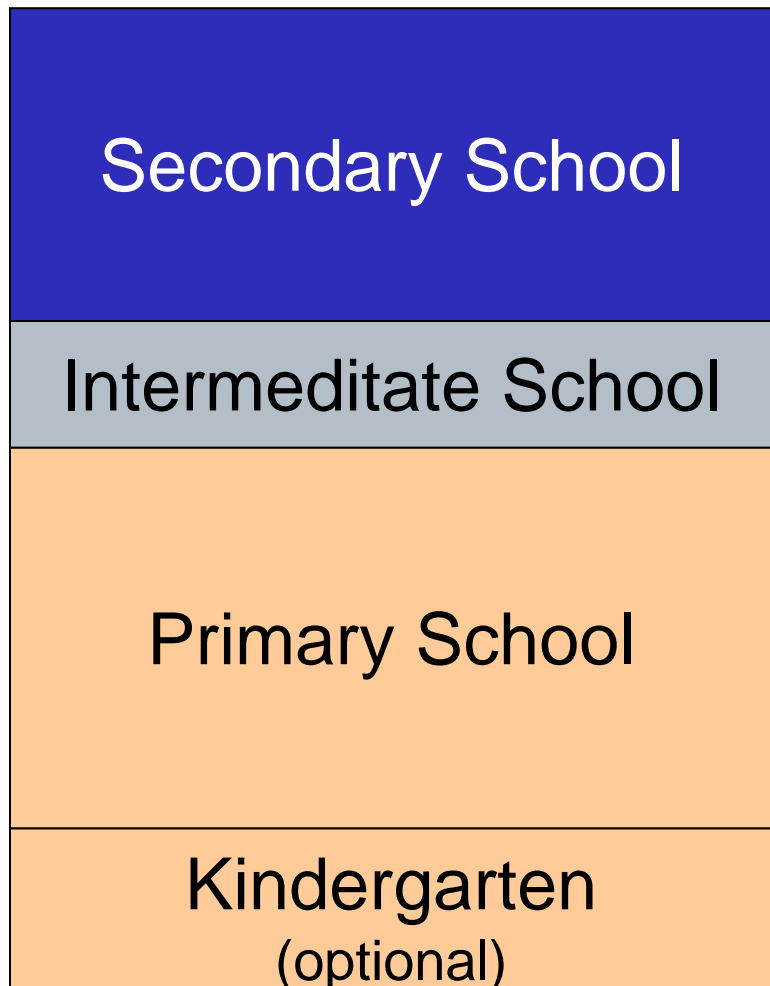
Schulsystem

Jahr

Abschluss

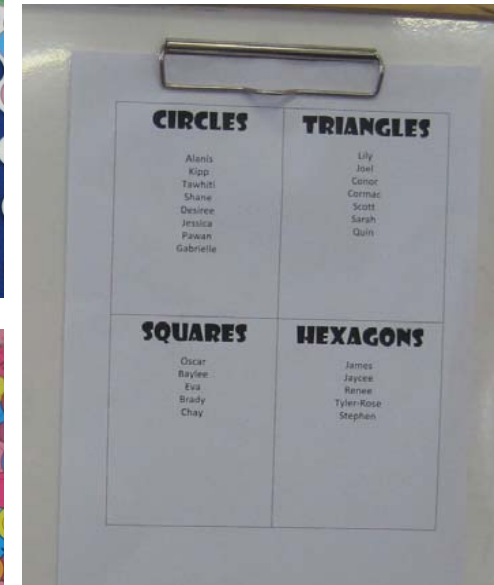
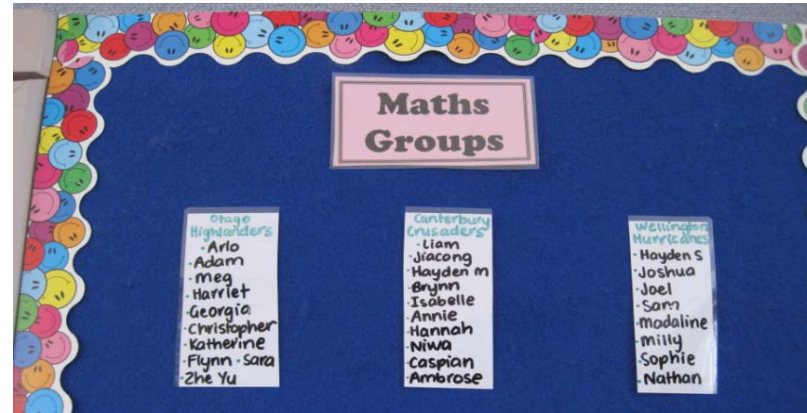
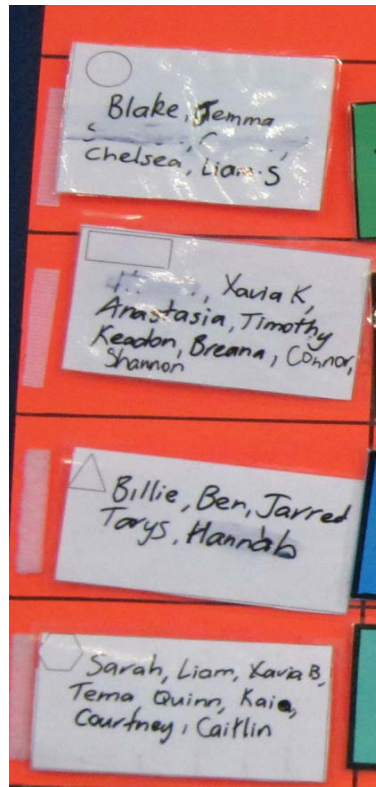
Alter

13 NCEA 3
12 NCEA 2
11 NCEA 1
10
9
8
7
6
5
4
3
2
1



17
16
15
14
13
12
11
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8
7
6
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4
3
2
1

Differenzierung auf mehreren Niveaus



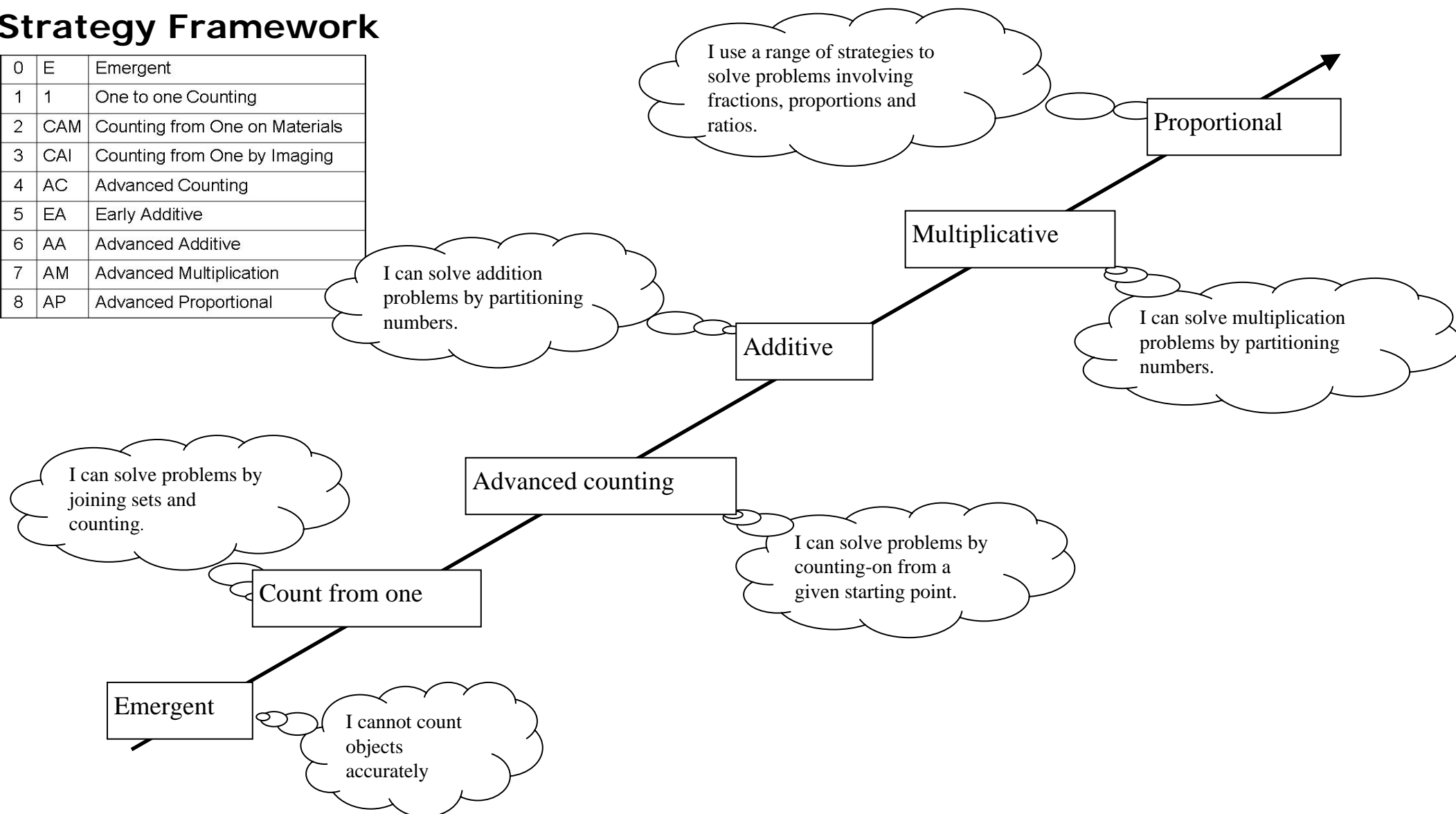
Strategy Framework

0	E	Emergent
1	1	One to one Counting
2	CAM	Counting from One on Materials
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Kompetenzentwicklungsmodell

Strategy Framework

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Diagnostisches Interview



Gruppenbildung

Class Grouping Sheet for NumPA (Stages 4-8)

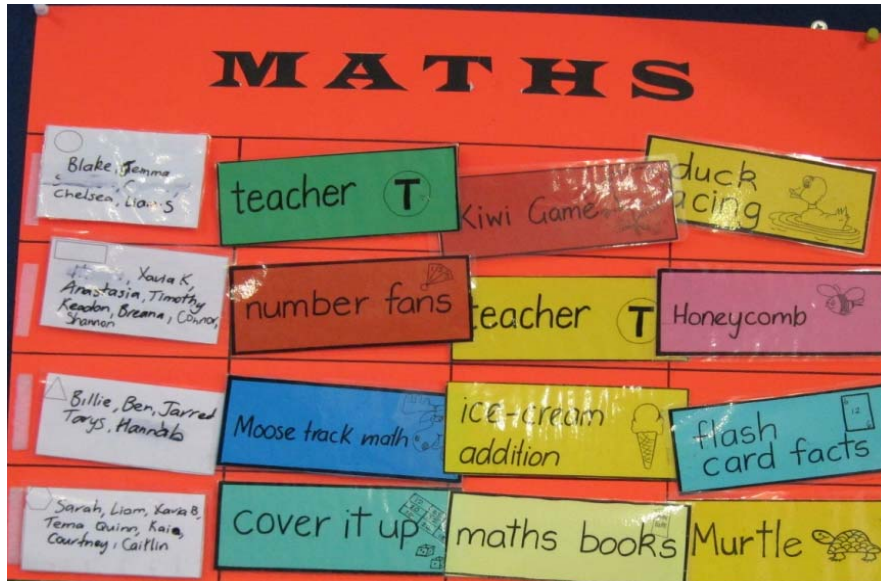
Teacher	Ms Print	School	Tapworth Primary	Operation Domain
---------	----------	--------	------------------	------------------

Knowledge Hot Spots	<p>One more/less with whole numbers to 999 999</p> <p>Ordering of unit fractions, improper fractions as mixed numbers</p> <p>Tens, hundreds, thousands in whole numbers to 999 999</p>
---------------------	--

Advanced Counting					Early Additive					Advanced Additive					Advanced Multiplicative					A				
	F	B	F	P	B		F	B	F	P	B		F	B	F	P	B		F	B	F	P	B	
	N	N	N	Y	F		N	N	N	Y	F		N	N	N	Y	F		N	N	N	Y	F	
	W	W	W				W	W	W				W	W	W				W	W	W			
	S	S	S				S	S	S				S	S	S				S	S	S			
Alby	5	5	5	4	3																			
Bic	5	5	3	4	3																			
Colin	5	4	4	4	3																			
Delta	5	5	4	4	4																			
Elba	4	4	4	4	3																			
Fank	4	4	5	4	3																			
						Gina	5	5	5	4	4													
						Herb	5	4	4	4	4													
						Indra	5	4	5	5	4													
						Joell	4	4	4	4	4													
						Kayla	6	5	4	5	4													
						Lou	5	5	5	4	4													
						Manuel	5	5	5	4	4													
												Nadia	5	5	5	5	5							
												Olive	5	5	5	5	6							
												Pete	5	5	5	5	5							
												Quentin	5	5	5	5	5							
																		Rachel	6	6	6	6	6	
																		Samantha	6	6	6	5	6	

Differenzierung auf mehreren Niveaus

Taskboard



Reading

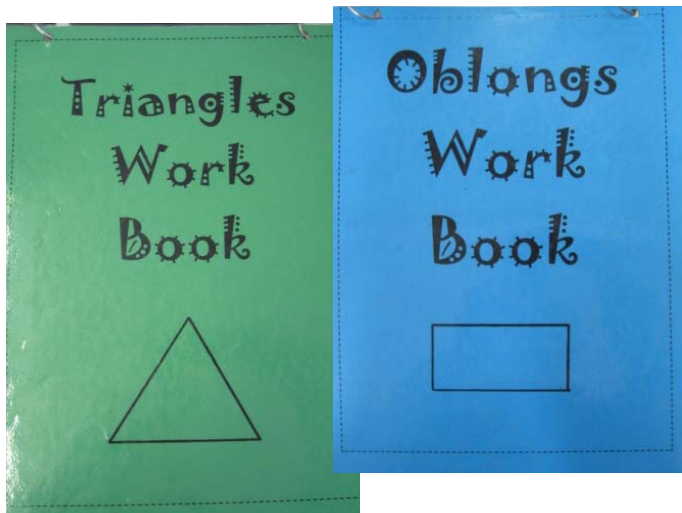
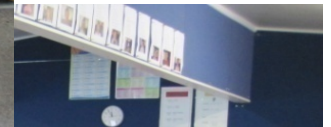
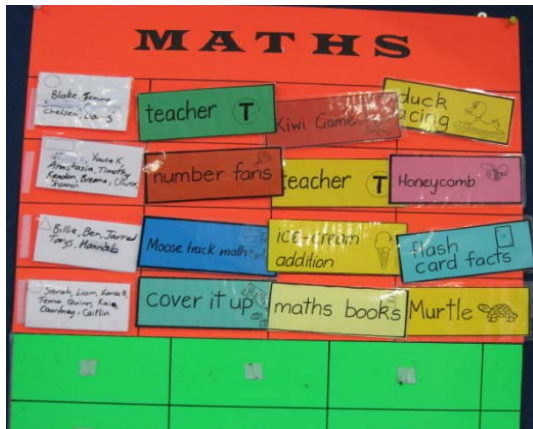
	Monday	Tuesday	Wednesday	Thursday
The Suns	Reading Games Teacher Book Activity Sounds Alive	Book Activity Teacher	Sounds Alive Poem of the Week Poem of the Week	Teacher
The Moons	Teacher Multiple Intelligences	Book Activity	Teacher	Reading Games Poem of the Week Teacher
The Rockets	Sounds Alive Sounds Alive	Teacher	Book Activity	Teacher Teacher
The Stars	Multiple Intelligences Teacher	Book Activity	Reading Games Teacher	Poem of the Week Sounds Alive
The Planets	Book Activity	Book Activity Reading Games	Poem of the Week	Multiple Intelligences

You must finish the activity that relates to your book before going onto the next activity. If you finish your activity early you may choose between:

- * Reading a library book
- * Reading a poem
- * Reading from your browsing box
- * Reading a big book

	Reading			Math		
	11:30 → 11:50	11:50 → 12:10	12:10 → 12:30	9:20 → 9:40	9:40 → 10:00	10:00 → 10:20
Yellow:	Whole class	World War 3	Summary	Rectangles:	Teacher Follow up	Math Games
Green:	Whole class	The 3 Kete	Summary	Circles:	Math Games	Teacher Follow up
Orange:	Mrs. Cane			Squares:	Follow up	Follow up Math Games
Red:	Whole class	Teacher Nobody Knows	Summary	Triangles:	Follow up	Follow up Math Games
Magic School Bus - Computer:				Magic School Bus - Computer:		

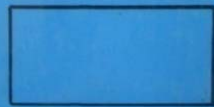
Differenzierung auf mehreren Niveaus



Differenzierung auf mehreren Niveaus



Oblongs Work Book



I am learning to image numbers up to 20 to solve addition and subtraction problems.

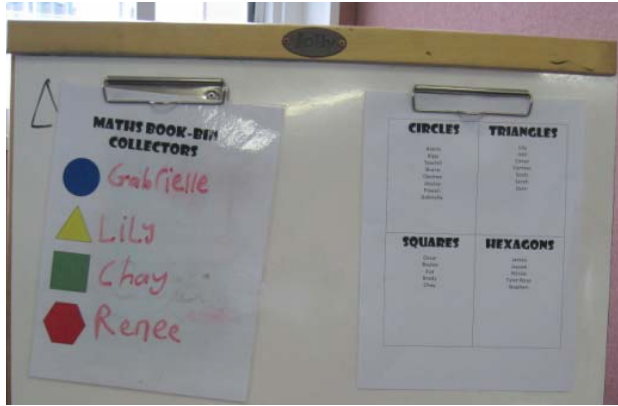
16 · 2

- ① $6 + 4 = 10$ ✓
- ② $8 + 3 = 11$ ✓
- ③ $12 + 1 = 13$ ✓
- ④ $11 - 2 = 9$ ✓
- ⑤ $15 - 2 = 13$ ✓

18 · 2

- ① $13 + 2 = 15$ ✓
- ② $11 + 2 = 13$ ✓
- ③ $10 + 4 = 14$ ✓
- ④ $12 - 3 = 9$ ✓
- ⑤ $16 - 2 = 14$ ✓

Differenzierung auf mehreren Niveaus



Differenzierung auf mehreren Niveaus

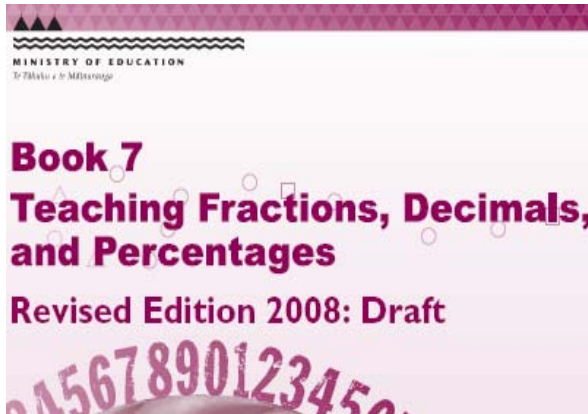


Fortbildung im Numeracy Development Project

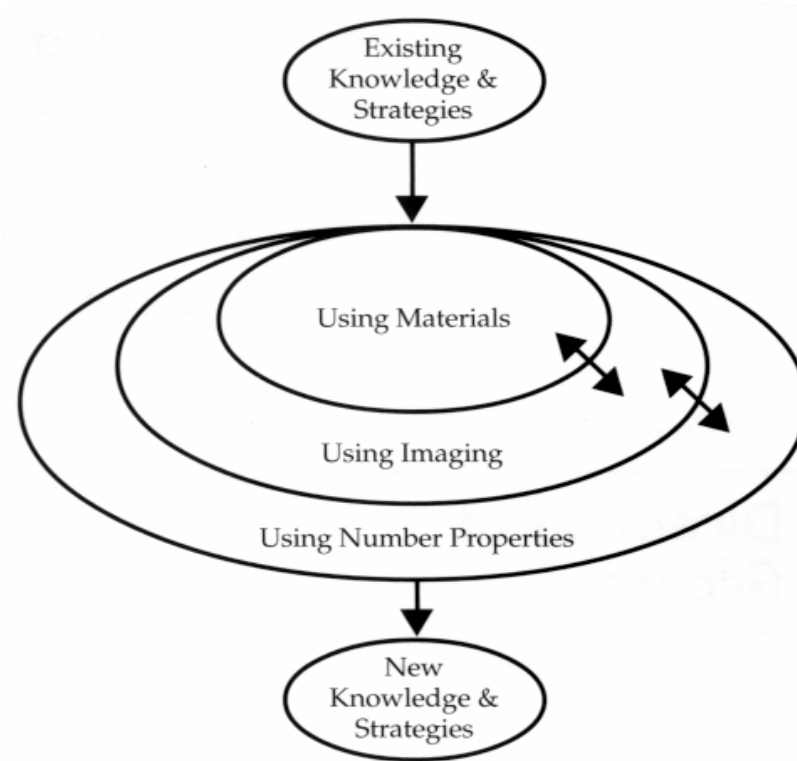
Diagnose



Fachdidaktische Fortbildung



Teamteaching



Unterrichtsmodell



0	E	Emergent
1	1	One to one Counting
2	CAM	Counting from One on Materials
3	CAI	Counting from One by Imaging
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Entwicklungsmodell



Diagnose



Fortbildung im Numeracy Development Project

- Fortbildung der gesamten Fachschaft (Schule)
- Dauer: 8 Monate
- 6 Workshops
- 3 Unterrichtsbesuche der Fortbildner
- Leadteacher
- Verbindliche Einbindung der Schulleitung
- Auf das Framework und das Curriculum bezogene Fördermaterialien
- Individuelle Rückmeldung zum Unterrichtserfolg

- Mehr als 95 % der Schulen im Jahrgang 1 – 8
- 85 % der Maori Schulen

Rückmeldung zum Unterrichtserfolg

8 (AP)					6%	13%	15%
7 (AM)			5%	2%	18%	40%	42%
6 (AA)	1%	7%	23%	40%	33%	31%	32%
5 (EA)	10%	29%	45%	45%	31%	12%	11% ²
4 (AC)	17%	37%	23%	11%	10%	2%	
3 (CAI)	23%	15%	4%	2%	2%	1%	
2 (CA)	36%	8%					
1 (1-1)	8%	4%	1%				
0 (Em)	5%						
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7

Expected level:

Cause for concern:

At risk:

Figure 2. Percentage of the 83 students in the longitudinal study sample at each strategy stage in years 1–7

Significant
changes in teacher attitudes and beliefs happen when
 they use new practices effectively and **see changes in**
student learning.
 (Guskey, 1986, p7)

Fortbildung in Neuseeland

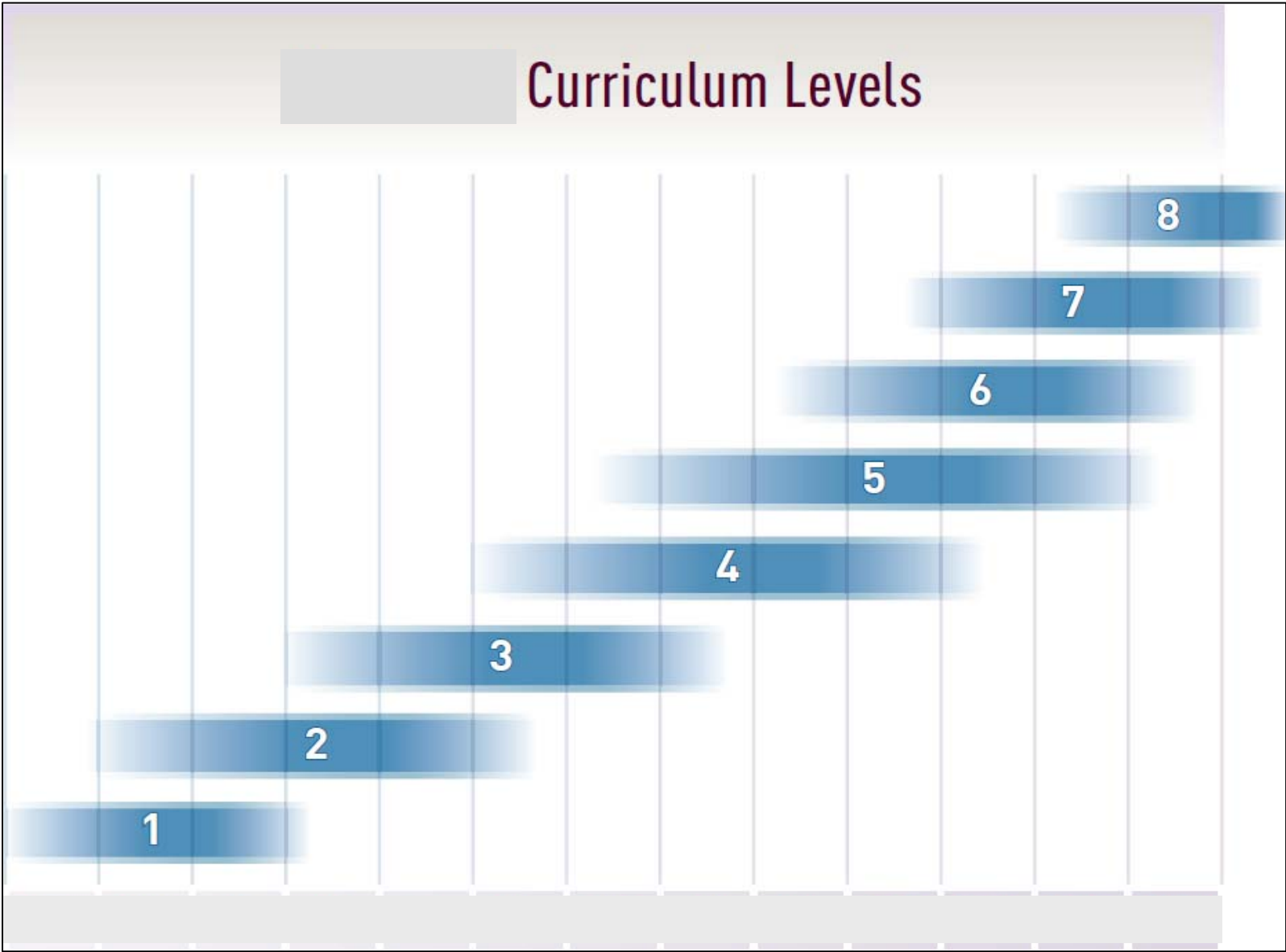
Vier Fortbildungsschwerpunkte:

- Literacy
- Numeracy
- Assessment
- Leadership

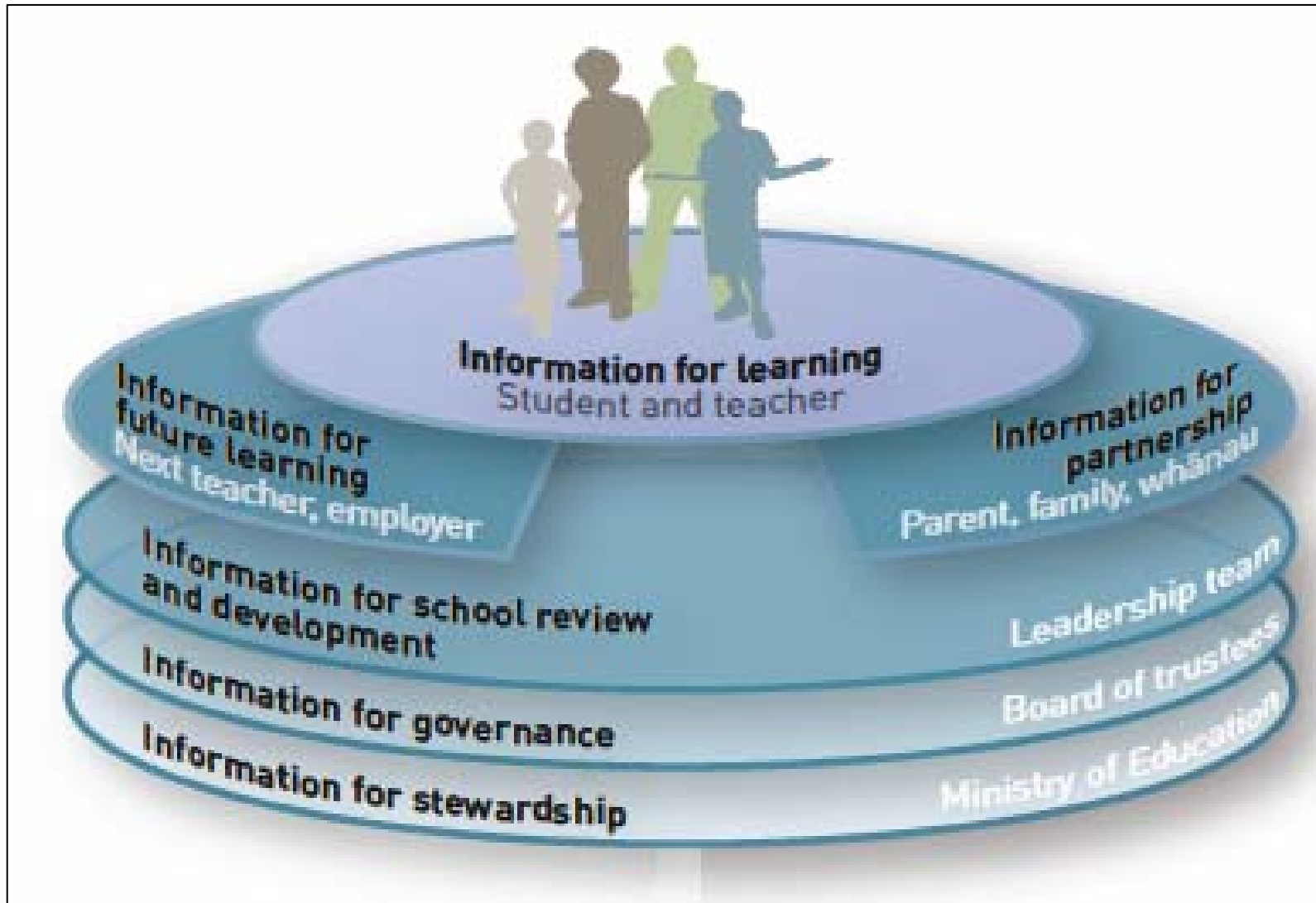
Landesweite Steuerung

Regionale Teams arbeiten mit den Schulen

Curriculum



Assessment



Assessment

TE KETE IPURANGI News About Communities Search TKI Schools Interact Gateway Sitemap/Help

MINISTRY OF EDUCATION
Te Tāhuhu o te Mātauranga

Assessment

Home > Select an Assessment Tool

Select an Assessment Tool

Assessment area ?

English Mathematics Science
 Social studies Health and PE Technology
 The Arts Information skills Student engagement
 Cross-curricular

Sub-area ?

All Multi-strand Numeracy

Year level ?

All 0 1
 2 3 4
 5 6 7
 8 9 10

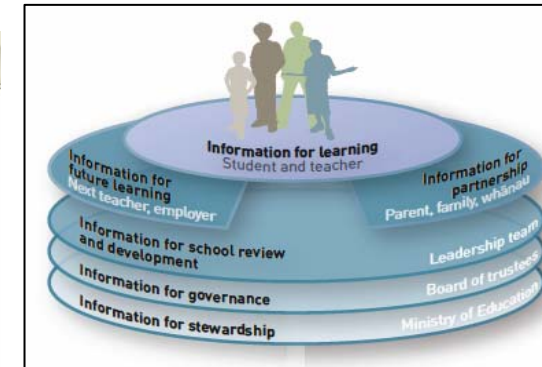
NZ Origin ? Yes No All

Standardised ? Yes No All

Administration ? Individual Group All

Show results

Return to top



Assessment

Home » Select an Assessment Tool » Results

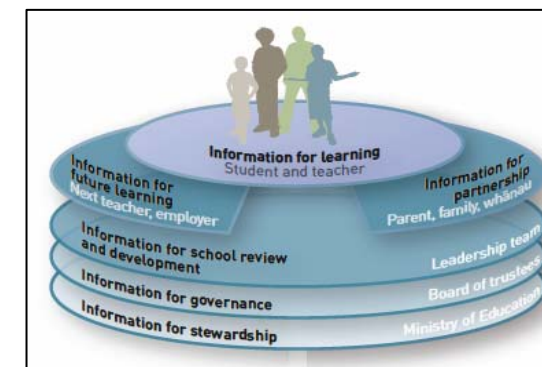
Results

[Back to search](#)

Choose up to three tools

?

Assessment Resource Bank (ARB) - Mathematics	Mathematics- Multi-strand Year 3-10
<input type="checkbox"/> NZ origin	Non-Standardised Individual or Group Administration
asTTle v4 Mathematics	Mathematics- Multi-strand Year 5-10
<input type="checkbox"/> NZ origin	Standardised Individual or Group Administration
e-asTTle Mathematics	Mathematics- Multi-strand Year 5-10
<input type="checkbox"/> NZ origin	Standardised Individual or Group Administration
NEMP (National Education Monitoring Project) - Mathematics	Mathematics- Multi-strand Year 4, 8
<input type="checkbox"/> NZ origin	Standardised Group Administration
NZ Curriculum Exemplars - Mathematics	Mathematics- Multi-strand Year 0-10
<input type="checkbox"/> NZ origin	Non-Standardised Individual or Group Administration
PAT (Progressive Achievement Test): Mathematics - Revised 2006	Mathematics- Multi-strand Year 3-10
<input type="checkbox"/> NZ origin	Standardised Individual or Group Administration
GloSS - Global Strategy Stage Assessment	Mathematics-Numeracy Year 0-10
<input type="checkbox"/> NZ origin	Non-Standardised Individual Administration
IKAN - Knowledge Assessment for Numeracy	Mathematics-Numeracy Year 3-10
<input type="checkbox"/> NZ origin	Non-Standardised Individual or Group Administration
NumPA - Numeracy Project Assessment (Diagnostic Interview)	Mathematics-Numeracy Year 0-10
<input type="checkbox"/> NZ origin	Non-Standardised Individual Administration



Assessment

Englisch – Schreiben:


Assessment Tool Selector - Mozilla Firefox

ras Hilfe

or.tki.org.nz/content/view/full/91/(area)/81/(sub_area)/85/(year_level)/All/(nz_origin)/-1/(standardised)/-1/(administration_to_individual_or_group)/-1

Nachrichten -...

ing and writing standards / Na... x LEO Deutsch-Englisches Wörterbuc... x



Assessment

Home » Select an Assessment Tool » Results

Results

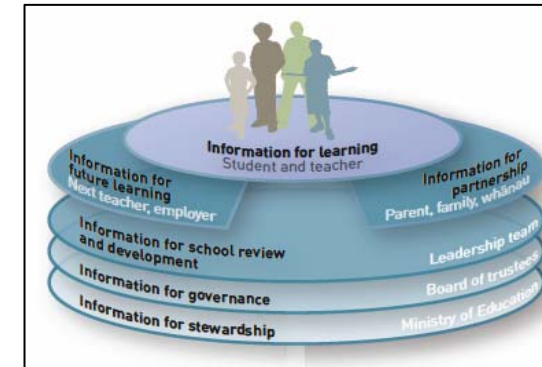
[Back to search](#)

Choose up to three tools

?

Assessment Resource Bank (ARB) - Writing	English-Writing Year 3-10	
<input type="checkbox"/> NZ origin	<input type="checkbox"/> Non-Standardised	<input type="checkbox"/> Individual or Group Administration
asTTle v4 Writing	English-Writing Year 5-10	
<input type="checkbox"/> NZ origin	<input type="checkbox"/> Standardised	<input type="checkbox"/> Individual or Group Administration
e-asTTle Writing	English-Writing Year 5-10	
<input type="checkbox"/> NZ origin	<input type="checkbox"/> Standardised	<input type="checkbox"/> Individual or Group Administration
Literacy Learning Progressions Draft - Writing	English-Writing Year 0-10	
<input type="checkbox"/> NZ origin	<input type="checkbox"/> Non-Standardised	<input type="checkbox"/> Individual or Group Administration
NEMP (National Education Monitoring Project) - Writing	English-Writing Year 4, 8	
<input type="checkbox"/> NZ origin	<input type="checkbox"/> Standardised	<input type="checkbox"/> Group Administration
NZ Curriculum Exemplars - Written Language	English-Writing Year 0-10	
<input type="checkbox"/> NZ origin	<input type="checkbox"/> Non-Standardised	<input type="checkbox"/> Individual or Group Administration

[Return to top](#)



Kompetenzentwicklungsmodell

Unterstützung/Qualitätssicherung

Diagnoseinstrumente
Selbsteinschätzungsbögen
Fördermaterial
Erwartungen nach Lernzeiten

Schule

Beurteilung im Lernprozess

Nutzung von Instrumenten
zur formativen Beurteilung

Gruppenbildung zur
Differenzierung Auswahl
Fördermaterial

Selbsteinschätzung
der Lernenden

Erfassung von
Lernfortschritt

Dokumentation
von Lehrerfolg

Rückmeldung von
Lernstand und Lern-
fortschritt an Lernende
und Eltern

Forschung

Curriculum

Ausbildung

Fortbildungsdidaktik:
Einstellungen und
Haltungen

Schulberatung

Schulinspektion

Landesweite
Steuerung

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Evaluation auf
Schulebene

Bildungsstandards als Chance

Neben der Beschreibung von Leistungsanforderungen und der Leistungsmessung dienen die Bildungsstandards primär der

Weiterentwicklung des Unterrichts

und vor allem der

verbesserten individuellen Förderung aller Schülerinnen und Schüler.

KMK, 2.6.2006

„Bildungsstandards fordern nun dazu heraus, die systematische Förderung der Kompetenzen von Schülerinnen und Schülern in den Mittelpunkt der Schulentwicklung zu stellen.“ (Klieme 2003, S. 52)

Bildungsstandards als Chance

Weiterentwicklung des Unterrichts



verbesserte individuelle Förderung aller Schülerinnen und Schüler

Eltern

Lehrkräfte

Fachkollegium

Schule

Fortbildung

Studienseminar

Schulaufsicht

Universitäten

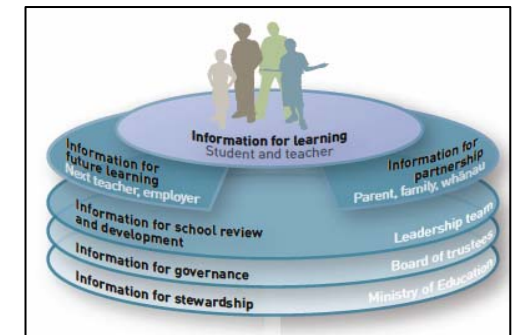
Qualitätsagenturen

Kooperationen

Kultusministerien

IQB

Kultusministerkonferenz



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Vielen Dank

Michael Katzenbach
 Amt für Lehrerbildung
 Stuttgarter Straße 18 – 24
 60329 Frankfurt
 069/38989-502
 Michael.Katzenbach@afl.hessen.de



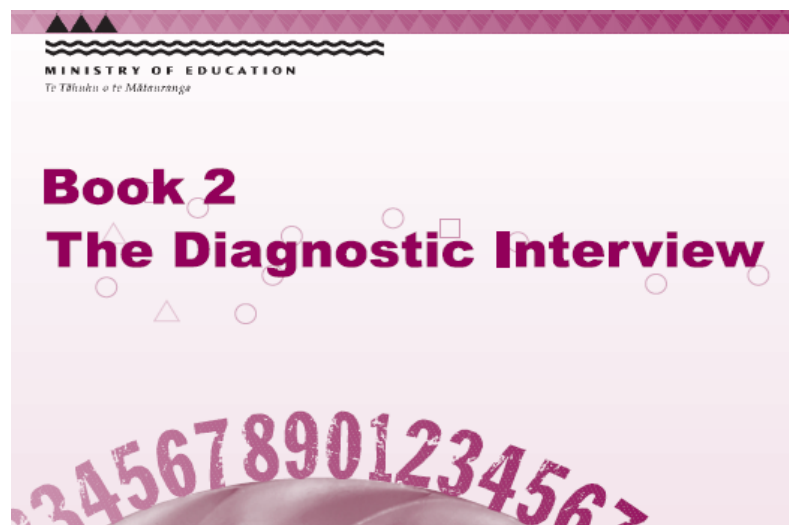
Kompetenzentwicklungsmodell

Unterstützung für Schulen



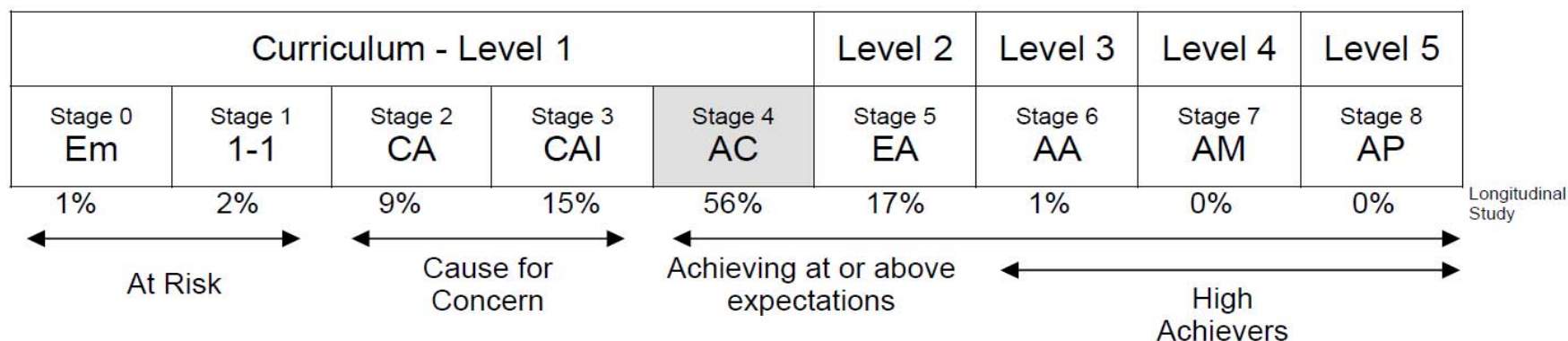
Numeracy Project

- Bereitstellung von
- Diagnoseinstrumenten
 - Selbsteinschätzungsbögen
 - Informationen zu Erwartungen nach Lernzeiten



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End of Year Two Curriculum Expectations



Kompetenzentwicklungsmodell

Unterstützung für Schulen



Numeracy Project

Bereitstellung von Fördermaterial

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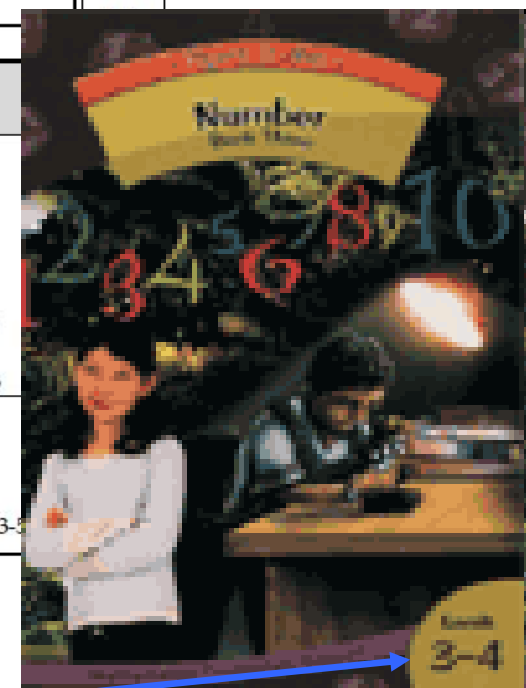
Transition: Counting from One (CA) to Advanced Counting

Domain: Multiplication and Division

E
CA
AC
EA

Achievement Objectives	Number: Level 1
	<u>Number Strategies AO1:</u> Use a range of counting, grouping, and equal-sharing strategies with whole numbers and fractions <u>Number Knowledge AO1:</u> Know the forward and backward counting sequences of whole numbers to 100.

Strategies being developed	Problem progression	References	Knowledge being developed	Resources
Solve multiplication problems using skip counting in twos, fives, and tens.	4×2 as 2, 4, 6, 8 7×2 as 2, 4, 6, 8, 10, 12, 14 3×5 as 5, 10, 15 8×5 as 5, 10, 15, 20, 25, 30, 35, 40 6×10 as 10, 20, 30, 40, 50, 60 5×4 as 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, or 5, 10, 15, 20	<i>Teaching Multiplication and Division (Book 6)</i> Introduction (7-8) Number Strips (8-10) BSM 11-3-54, 11-3-55	Say the forwards and backwards skip-counting sequences in the range 0-100 for twos, fives, and tens.	<i>Teaching Number Knowledge (Book 4)</i> Counting (11) Skip-counting on the Number Line (11) Beep (12) Using Calculators (14) BSM 10-1-4, 10-1-44, 10-1-43
Solve division problems by equal sharing in ones, twos and fives.	$10 \div 2 = 5$, $20 \div 4 = 5$, $14 \div 2 = 7$, $9 \div 3 = 3$ $12 \div 4 = 3$, $15 \div 3 = 5$ $25 \div 5 = 5$, $16 \div 4 = 4$	<i>Teaching Multiplication and Division (Book 6)</i> Twos, Fives, and Tens (21-23)	Recall groupings of twos that are in numbers up to 20	<i>Teaching Number Knowledge (Book 4)</i> Beep (12) BSM 8-1-8, 8-1-50, 9-3-10, 9-3-3



Kompetenzentwicklungsmodell

Unterstützung für Schulen



Aus- und Fortbildung:
Arbeit an Einstellungen und Haltungen
Änderung von Unterrichtsskripts

0	E	Emergent
1	1	One to one Counting
2	CAM	Counting from One on Materials
3	CAI	Counting from One by Imaging
4	AC	Advanced Counting
5	EA	Early Additive
6	AA	Advanced Additive
7	AM	Advanced Multiplication
8	AP	Advanced Proportional

Diagnose



CIRCLES Alanis Kipp Tawhiti Shane Desiree Jessica Pawan Gabrielle	TRIANGLES Lily Joel Conor Cormac Scott Sarah Quin
SQUARES Oscar Baylee Eva Brady Chay	HEXAGONS James Jaycee Renee Tyler-Rose Stephen



Förderung

Kompetenzentwicklungsmodell

Qualitäts- sicherung



Numeracy Project

Schulinspektion

Begleitforschung

Landesweite
Steuerung

0	E	Emergent
1	1	One to one Counting
2	CAM	Counting from One on Materials
3	CAI	Counting from One by Imaging
4	AC	Advanced Counting
5	EA	Early Additive
6	AA	Advanced Additive
7	AM	Advanced Multiplication
8	AP	Advanced Proportional

8 (AP)					6%	13%	15%
7 (AM)			5%	2%	18%	40%	42%
6 (AA)	1%	7%	23%	40%	33%	31%	32%
5 (EA)	10%	29%	45%	45%	31%	12%	11% ²
4 (AC)	17%	37%	23%	11%	10%	2%	
3 (CAI)	23%	15%	4%	2%	2%	1%	
2 (CA)	36%	8%					
1 (1-1)	8%	4%	1%				
0 (Em)	5%						
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7

Expected level:



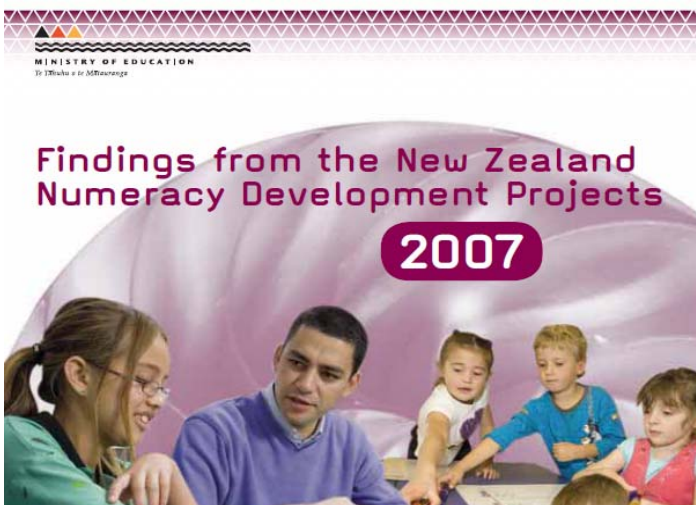
Cause for concern:



At risk:



Figure 2. Percentage of the 83 students in the longitudinal study sample at each strategy stage in years 1-7



Kompetenzentwicklungsmodell

Schule



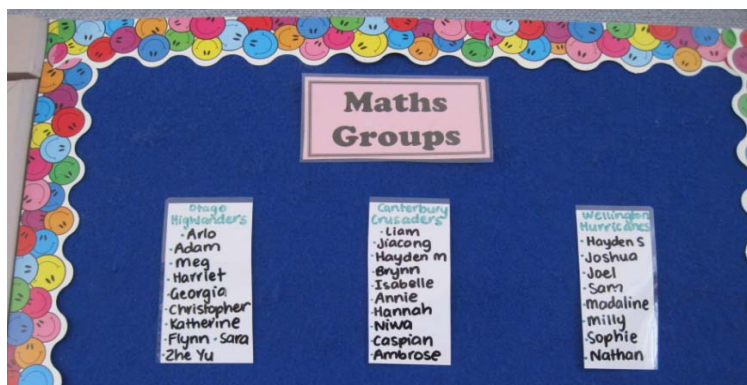
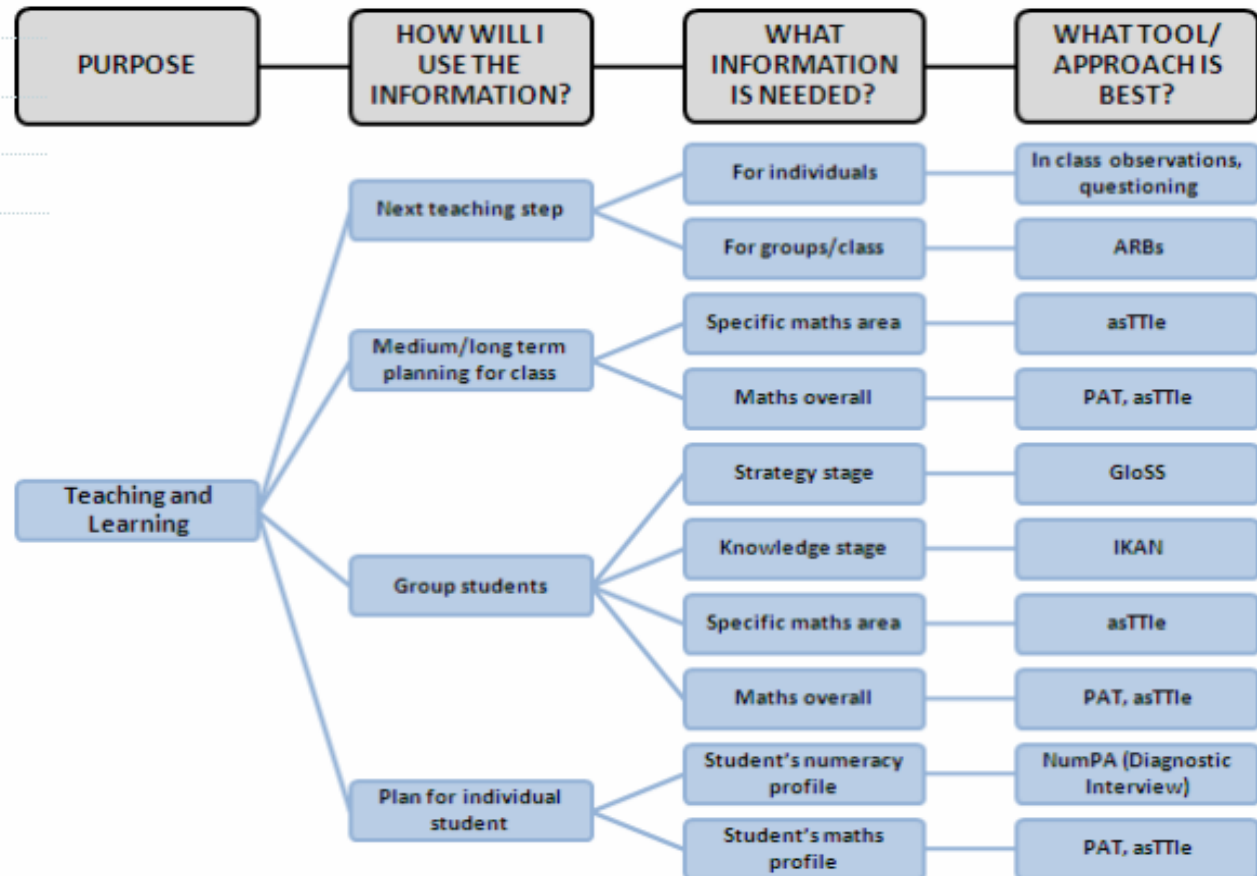
Numeracy Project

Beurteilung im Lernprozess

Nutzung von Instrumenten zur formativen Beurteilung

Gruppenbildung zur Differenzierung
Auswahl Fördermaterial

0	E	Emergent
1	1	One to one Counting
2	CAM	Counting from One on Materials
3	CAI	Counting from One by Imaging
4	AC	Advanced Counting
5	EA	Early Additive
6	AA	Advanced Additive
7	AM	Advanced Multiplication
8	AP	Advanced Proportional



Kompetenzentwicklungsmodell

Schule



Numeracy Project 

Selbsteinschätzung
der Lernenden

0	E	Emergent
1	1	One to one Counting
2	CAM	Counting from One on Materials
3	CAI	Counting from One by Imaging
4	AC	Advanced Counting
5	EA	Early Additive
6	AA	Advanced Additive
7	AM	Advanced Multiplication
8	AP	Advanced Proportional

Student Profile

E
CA
AC
EA
AA
AM
AP

Name:		
Advanced Multiplicative	to	Advanced Proportional
I am learning to ...		Date achieved
I can ...		
Solve problems with fractions, ratios and proportions by:	Using common factors to multiply between and within ratios, e.g. 8:12 as \square :21 as 8:12 = 2:3 (common factor of 4) so 2:3 = 14:21 (multiplying by 7).	
	Partitioning fractions and percentages, e.g. 85% of 36 = \square as 10% of 36 = 3.6, 5% of 36 = 1.8, so 36 – 3.6 – 1.8 = 30.6.	

Kompetenzentwicklungsmodell

Schule



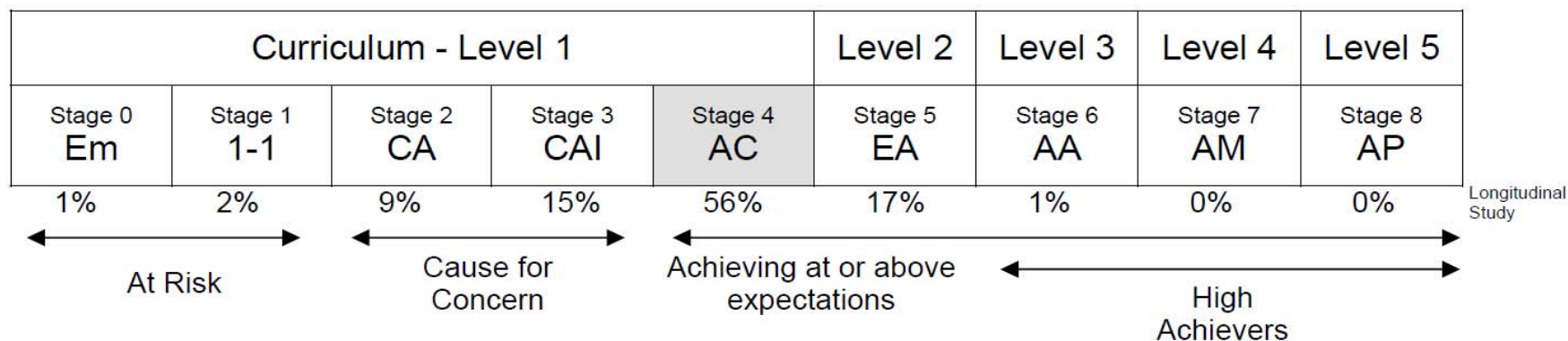
Numeracy Project

- Erfassung von Lernfortschritt
- Dokumentation von Lehrerfolg
- Rückmeldung von Lernstand und Lernfortschritt an Lernende und Eltern
- Evaluation auf Schulebene

0	E	Emergent
1	1	One to one Counting
2	CAM	Counting from One on Materials
3	CAI	Counting from One by Imaging
4	AC	Advanced Counting
5	EA	Early Additive
6	AA	Advanced Additive
7	AM	Advanced Multiplication
8	AP	Advanced Proportional

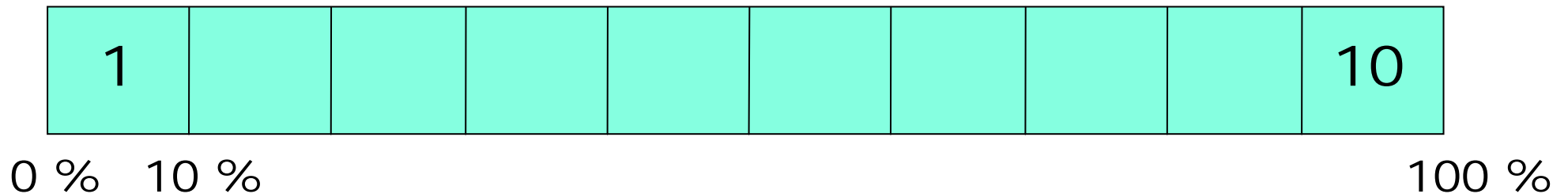
Year/Stage	E	1-1	CAM	CAI	AC	EA	AA
2004	3	2	13	5	0	0	0
2005	0	2	0	6	14	1	0
2006	0	0	2	0	13	7	1

End of Year Two Curriculum Expectations



Steuerung

Einstufung der Schulen in Dezile



- Maß für den Anteil an Lernenden aus „low socio-economic communities“
- Je niedriger der Sozialindex, um so höher ist die Finanzierung für die Schule durch die Regierung und um so höher ist das Gehalt des Schulleiters
- Finanzierung der Schulen

Grundbetrag pro Schüler:

\$700 (Grundschule) bis \$1000 (Jahre 11-13))

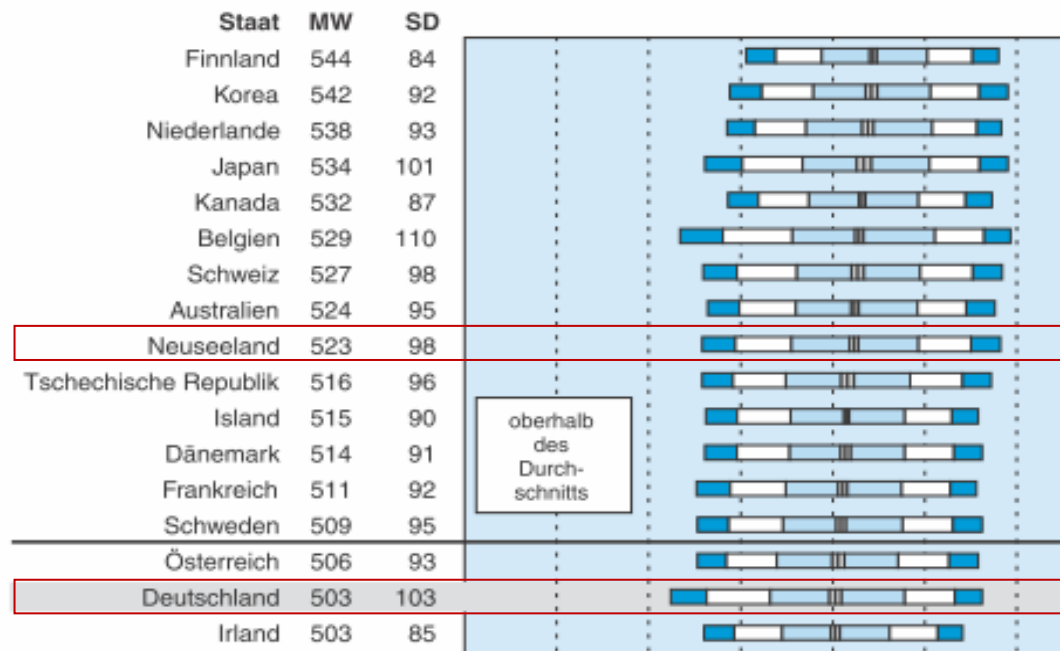
Dezil-abhängiger Betrag pro Schüler:

\$800 in Dezil 1 bis \$0 Dezil 10

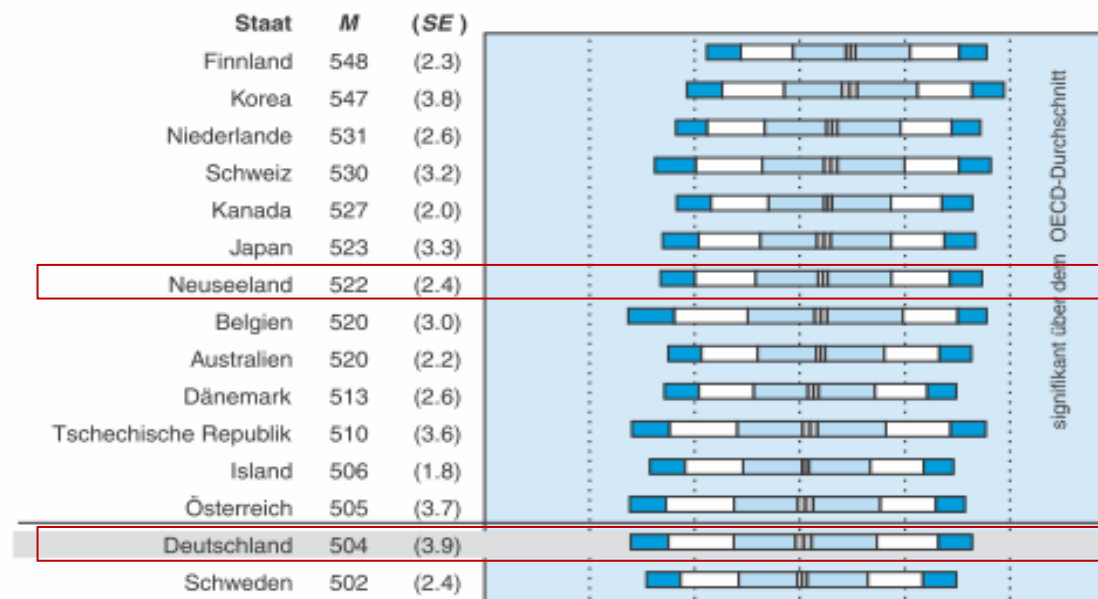
Weitere Beträge geringerer Größenordnung

PISA

Pisa 2003



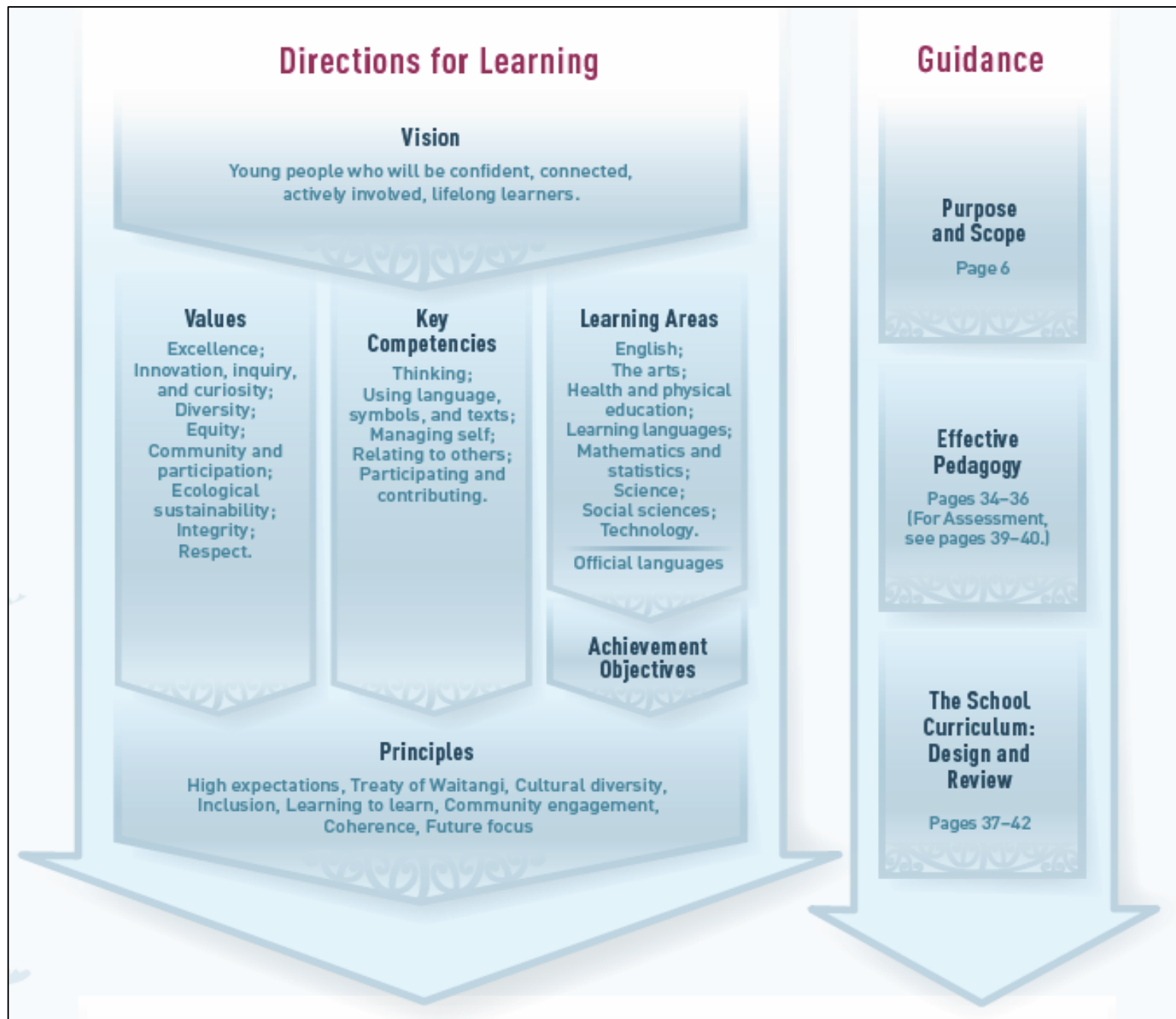
Pisa 2006



Curriculum



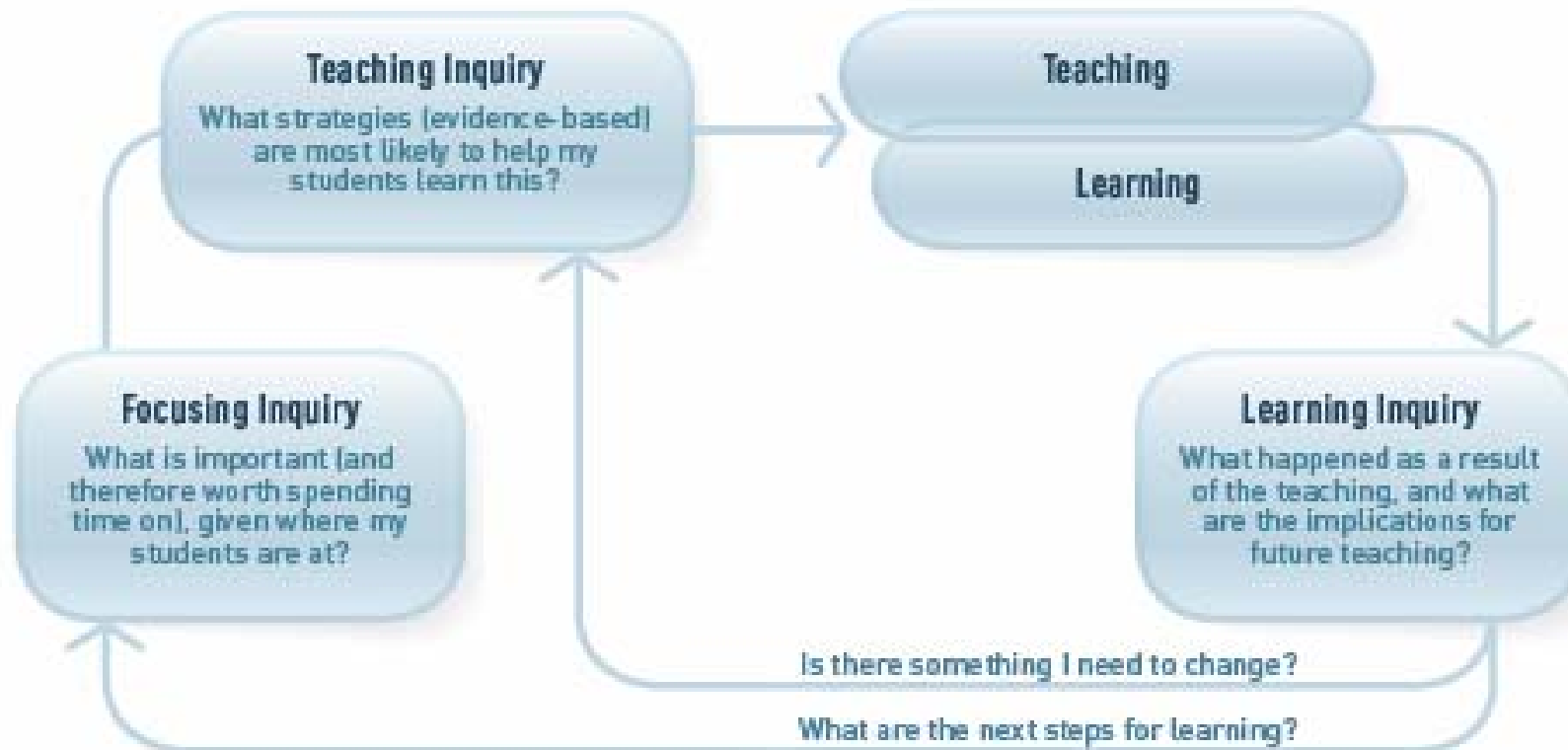
Curriculum



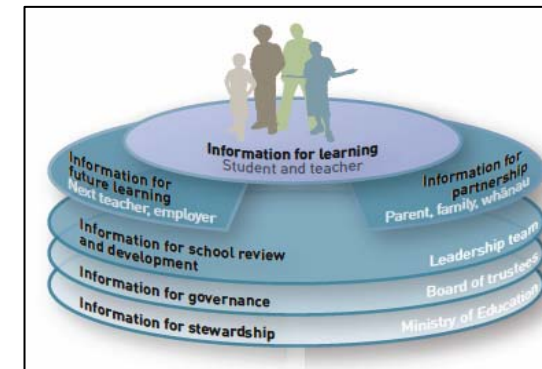
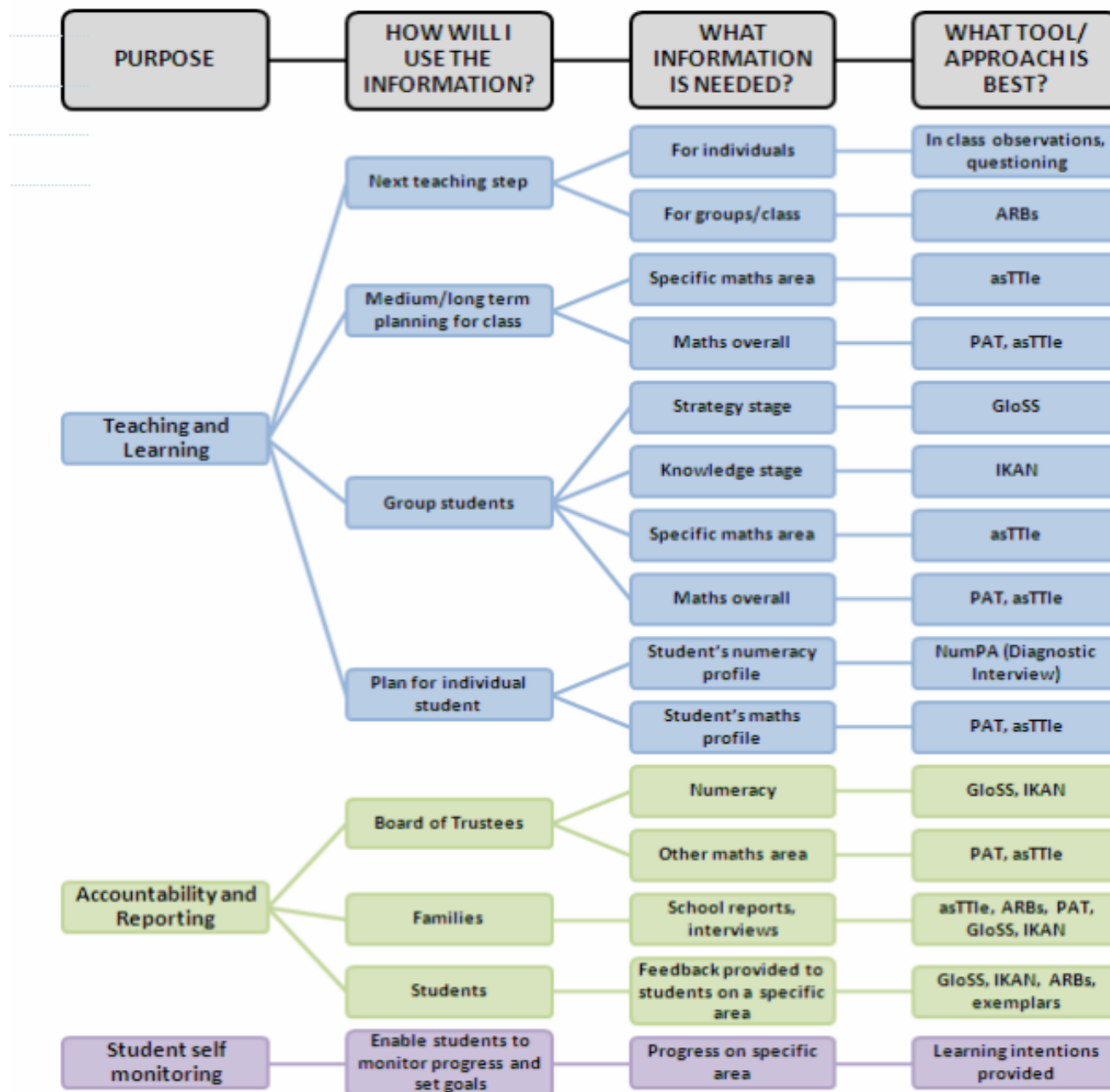
Curriculum



Teaching as Inquiry



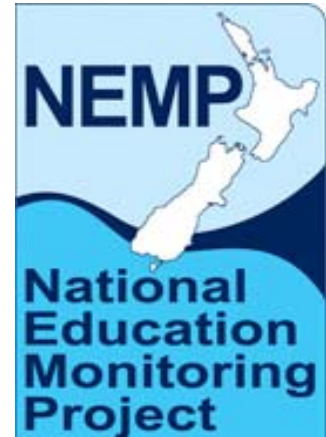
Assessment



Assessment

National Educational Monitoring Project

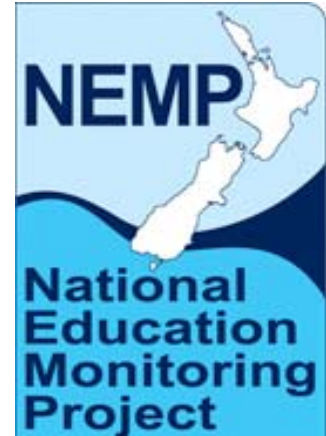
Educational Assessment Research Unit
of the University of Otago
(Prof. Crooks, Prof. Smith)



- Alle Fächer des Curriculums in Zyklen von 4 Jahren (seit 1995, in Maori seit 1999)
- Wissen, Fähigkeiten, Motivation und Einstellungen
- 3000 Sch. der Jahrgänge 4 und 8 aus 260 Schulen
- Testleitung: 100 Lehrkräfte pro Jahr (Freistellung für 5 Wochen)
6 -7 % aller Lehrkräfte in 14 Jahren

Assessment

National Educational Monitoring Project



Testformate

- 1 – 1: Einzelarbeit mit Testleiter (Videoaufnahme)
- Einzelarbeit (Paper-and-pencil)
- Stationen: Vier Lernende arbeiten unabhängig an mehreren Stationen
- Gruppenarbeit
Vier Lernende in Gruppenarbeit (Videoaufnahme)

Standards

2010: Einführung nationaler Standards Lesen, Schreiben, Mathematik

- Orientierung am Curriculum
- Illustrierende Aufgaben und Schülerlösungen
- Overall Teacher Judgement
- Berichtspflicht der Schule (above, at, below, well below standard)
- Keine nationalen Tests
- Verantwortung der Lehrkräfte
- Schulübergreifende Vergleichbarkeit über Moderation
- Verpflichtende Fortbildungen
- Nationale Programme zur Unterstützung von Schulen

Standards

2010: Einführung nationaler Standards
Lesen, Schreiben, Mathematik

At least one of the written reports each year should include:

- the student's current learning goals;
- the student's achievement and progress in relation to the National Standards;
- what the school will do to support the student's learning;
- what parents, family, and whānau can do to support their child's learning.

Standards

Stellungnahme von Bildungsforschern

Terry Crooks, Charles Darr, Alison Gilmore, Cedric Hall, Kohn Hattie, Jeff Smith, Lisa Smith (März 2009)

Towards Defining, Assessing and Reporting Against National Standards for Literacy and Numeracy in New Zealand

Key Principles

3. Minimise negative impacts of the strategy on students' learning and educational experiences. ...

Rather than there being an overemphasis on tests, there needs to be an emphasis on students, teachers and parents appropriately interpreting information about students progress.