



# Nelson Numeracy Assessment Kit

*With time-saving  
assessment software*

## First to Seventh Year of School



*Nelson Numeracy  
Assessment Kit –*  
the award-winning assessment resource!



Overall Joint Winner and Winner of  
the Primary Teaching and  
Learning Award for Excellence in  
Educational Publishing.





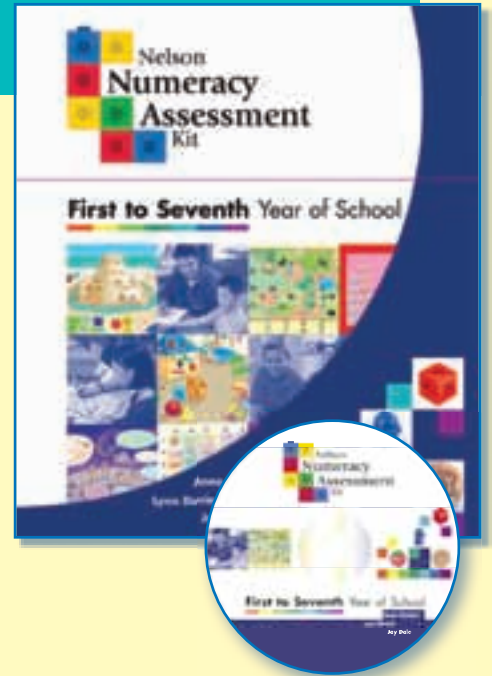
## The *Nelson Numeracy Assessment Kit*

is a comprehensive numeracy assessment resource for the first seven years of school. It enables teachers to assess individual students, groups of students and/or the whole class. After assessing what students already know and what skills need to be developed, the data can be used for future planning and to assist the teacher to effectively group students according to their needs.

At each year level, the *Nelson Numeracy Assessment Kit* provides assessment tasks for the four major mathematical strands:

■ Number & Patterns ■ Space ■ Measurement ■ Chance & Data

This comprehensive assessment package contains ALL the materials required to assess ALL students across your school.

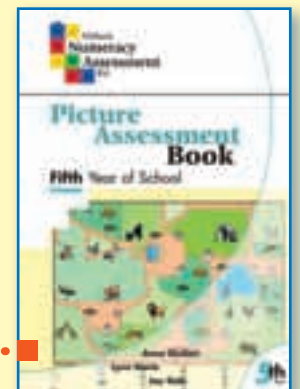


### How is the Kit organised?

The Kit has been organised into seven sections: First, Second, Third, Fourth, Fifth, Sixth and Seventh Years of School.

Each section includes:

- a Teacher's Guide
- a Picture Assessment Book
- number cards, a place-value chart and an extra copy of each double-page spread from the Picture Assessment Book
- all the manipulative materials required to assess students
- interactive software that allows teachers to create individual and class assessment profiles and plan ongoing teaching and assessment



16	26	38	51
8	98		

Tens	Ones



Streamline your planning, assessment and reporting with

# Nelson Numeracy Assessment Kit software



The *Nelson Numeracy Assessment Kit* software allows you to plan assessment tasks electronically and record your students' results. Data collected while assessing students can be entered directly into your computer and students' results can be easily transferred between year levels.

## Administrator features

### Network and single-user schools

The software can be used in a school network environment or in a stand-alone single-user environment. In a network environment, we recommend an administrator be nominated to install the software on the school network and on individual computers.

### Importing student information

The administrator can import whole school lists (the master school list) from pre-formatted TXT files, including Microsoft Excel files. A template is provided on the CD-ROM.

### Track class progress and collect whole school data

The software allows the school to review and collect data for single classes, multiple classes and the whole school.

### Yearly incrementation

The entire school list can be incremented by one year. Students in the Seventh Year will be archived.

## Classroom teacher features

### 1 Class and student administration .....

- To record an assessment you create a class or group – more than one year of school can be selected for composite classes.
- Add students to your class or group by selecting names from the master school list.
- You can edit all information at any time.



### 2 Creating an assessment plan.....

- The assessment plan allows you to choose the content you want to cover in your student assessment.
- To add content, simply select a strand, the year level, and add all or individual sections to your plan.
- Assessment plans can also be customised by adding custom tasks.



Take an interactive guided tour of the Nelson Numeracy Assessment Kit software at [www.thomsonlearning.com.au/nak](http://www.thomsonlearning.com.au/nak)

**Easy to install**

**Networkable**

**Time-saving software**

**Easy to use**

**All reports and profiles can be printed**



### 3 Assessment

- The assessment task mirrors the printed Teacher's Guides.
- For each task answer 'yes', 'no', or 'not assessed' according to the student's response.
- Depending on the student's responses, select either 'consolidating' or 'moving forward'.
- You can review or alter the assessment at any time.



### 4 Student reports

- From the report section you can review the reports for any of your students.
- Once a student is selected, a list of assessment reports available for that student will be shown.
- You can then review the report (as shown) or the detailed report showing the task content and answers given by the student.



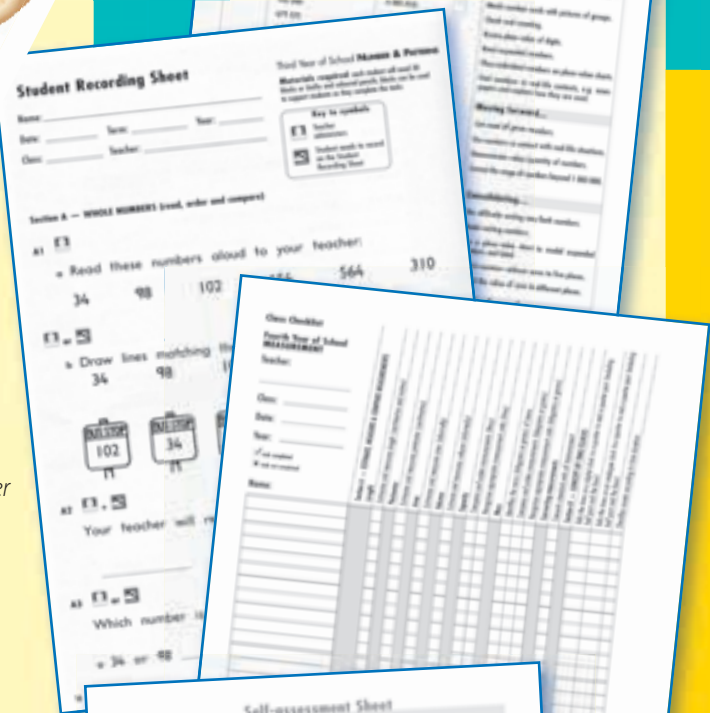
### 6 PDF versions of the Teacher's Guide and the Picture Assessment Books

- Click on the year levels to access PDF versions of the Teacher's Guide and the Picture Assessment Books to refer to on-screen or print out.

### 5 Class profiles

- Class or group profiles show the level of completion of set tasks by your class.
- The orange squares highlight students who are 'consolidating', and the green squares indicate students who are 'moving forward'.
- From the profiles section you can also review detailed reports for the class and individual students.





### When should I use the Kit?

- At the beginning of the school year
- When beginning a unit of work or strand of mathematics
- At the end of a unit of work or strand of mathematics
- Prior to report writing to determine a student's understanding
- Either mid-year or at the end of the year to assess growth in mathematical understanding that has occurred

### How flexible is the Kit?

You have the choice of assessing students on a complete strand or a section of a strand. For instance, you could choose to assess only a section within a strand e.g. 'Mental Strategies' within the strand 'Number and Patterns' to discover what the students actually know or don't know, so appropriate planning can be carried out.

### What are the assessment options?

There are three options available when administering the assessment tasks in the Kit.

- **Option 1**  
**One-on-one assessment** – the teacher works on a one-to-one basis with an individual student.
- **Option 2**  
**Small group assessment** – the teacher works with a small group of students.
- **Option 3**  
**Whole class assessment** – the whole class works through the Student Recording Sheet.

### Where to after assessment?

Once the assessment tasks have been carried out, the **Nelson Numeracy Assessment Kit** provides clear guidelines on where the student can be taken from that point, in the 'Teaching points for future planning – where to now?' sections in the Teacher's Guides and on the software.



**NELSON NUMERACY ASSESSMENT KIT – OVERALL JOINT WINNER AND WINNER OF THE PRIMARY TEACHING AND LEARNING AWARD FOR EXCELLENCE IN EDUCATIONAL PUBLISHING 2005**

### What the judges said...

'The **Nelson Numeracy and Assessment Kit** is a national whole-school maths assessment resource, providing complete coverage of the curriculum. It offers teachers the flexibility to assess students one on one, in small groups or as a whole class. The materials are colourful and motivating for students and the associated software allows schools to electronically document student progress and assessment results and easily profile their entire school cohort. This innovative resource has the potential to influence change in the way many schools currently assess and profile students.'

# What's in the Nelson Numeracy Assessment Kit?



COMPONENT	FEATURES	PRINTED VERSION	ELECTRONIC VERSION ON CD-ROM
<b>Teacher's Guides</b> One book for each level	<ul style="list-style-type: none"> <li>■ Introductory teacher notes</li> <li>■ Teacher's Recording/Planning Sheets for each strand (photocopiable)</li> <li>■ Student Recording Sheets for each strand – Second to Seventh Year only (photocopiable)</li> <li>■ Class Checklists for each strand (photocopiable)</li> <li>■ Self-assessment Sheets (photocopiable)</li> <li>■ Answers to the Student Recording Sheets – Fourth to Seventh Year only</li> </ul>	✓	✓
<b>Picture Assessment Books</b> One book for each level	<ul style="list-style-type: none"> <li>■ Full-colour 16 page books</li> <li>■ Double-page picture assessment for each mathematical strand</li> <li>■ Maths concepts designed so students actually interact with the page</li> <li>■ Glossary of mathematical terms</li> </ul>	✓	✓
<b>Additional Picture Assessments</b> Four additional copies for each level	<ul style="list-style-type: none"> <li>■ Extra printed copies of the full-colour double-page spreads from the Picture Assessment Books</li> </ul>	✓	✓
<b>Number cards</b> One for each year level	<ul style="list-style-type: none"> <li>■ Cut up for use and/or photocopiable</li> </ul>	✓	
<b>Place-value charts</b> Second to Seventh Year only	<ul style="list-style-type: none"> <li>■ Ready to use and/or photocopiable</li> </ul>	✓	
<b>Interactive software</b>	<ul style="list-style-type: none"> <li>■ Individual, class and whole school assessment and reporting software</li> <li>■ PDF versions of the Teacher's Guides and Picture Assessment Books</li> </ul>		✓
<b>Manipulative material</b>	<ul style="list-style-type: none"> <li>■ 40 blocks: 10 green, 10 red, 10 blue, 10 yellow</li> <li>■ 16 dinosaurs: 4 green, 4 red, 4 blue, 4 yellow</li> <li>■ 10 plastic strawberries</li> <li>■ 1 set of 0–10 tiles</li> <li>■ 3 pizzas divided into fractional pieces (1/2s, 1/4s, 1/8s)</li> <li>■ 1 tape measure (100cm)</li> <li>■ 2 six-sided dice</li> <li>■ 1 protractor</li> </ul>		
<b>Draw-string bag</b>	<ul style="list-style-type: none"> <li>■ To store manipulative material and use for Chance &amp; Data activities</li> </ul>		
<b>Folder</b>	<ul style="list-style-type: none"> <li>■ To store all components</li> </ul>		



## Does the Kit correlate to state curriculum and Nelson Maths?

Yes! The *Nelson Numeracy Assessment Kit* has been correlated to your State specific and New Zealand curriculum. It has also been correlated to the *Nelson Maths* program to provide you with a reliable resource to use with your students to further consolidate skills that still need to be developed, and also to provide extension work for those students who are moving forward. Go to [www.thomsonlearning.com.au/primary](http://www.thomsonlearning.com.au/primary) to download your complimentary copy of the correlation documents.

