

## \$ Numeracy for all

Why is numeracy important?

Numeracy and the proficiencies

Resources

Birth to Level 10 Numeracy Guide

The Victorian Numeracy Learning Progressions

F-10 Victorian Curriculum Mathematics glossary 

## Evidence and research in numeracy and mathematics

Common myths about mathematics

Numeracy in the 21st Century

Early numeracy approaches –  
Early Childhood Education Toolkit

## Mathematics and numeracy professional learning

Numeracy Guide professional learning

Bastow Institute of Educational Leadership  

- Leading Mathematics
- Numeracy Webinar Series

Learning Difficulties in Numeracy video series

Insight Assessment Platform –  
training and workshops

VCAA professional learning – mathematics

## Mathematics and Numeracy Assessment

Assessment tools

Insight Assessment Platform  

- Mathematics Online Interview
- Fractions and Decimals Online Interview

Scaffolding Numeracy in the Middle Years

Learning and Assessment Framework for  
Multiplicative Thinking

Assessment for Common Misunderstandings

VCAA On Demand Testing – mathematics

VCAA Guide to Formative Assessment –  
worked example: numeracy

NAPLAN – numeracy



## Mathematics teaching resources

Mathematics and Numeracy

Mathematics in the early years

Mathematics in the classroom

Mathematics and the proficiencies

Key resources

Mathematics Curriculum Companion

Birth to Level 10 Numeracy Guide

VCAA – Mathematics Sample Programs

VCAA – annotated mathematics work samples

## Teaching practices and supports

Mathematics teaching practice


High Impact Teaching Strategies (HITS)  
– numeracy and mathematics

Scaffolding mathematics practices

In practice examples


reSolve lesson inquiry

Number talks at Derrimut PS 


Student-centred teaching and  
learning – Sunshine College 

Targeted numeracy intervention in  
action – St Albans SC 

Numeracy through Chinese –  
Knox Park PS 

Numeracy through German –  
Carrum PS 

Interactive EAL Effective Practice Guide

Teaching the language and literacy  
of mathematics 

Oral language in mathematics 

## Curriculum planning

Mathematics Curriculum Companion

Curriculum frameworks and advice


Resources


Victorian Curriculum: Mathematics  
(Levels A-10)


At a glance: Literacy and Numeracy  
Teaching Resources placemat

Numeracy focus areas –  
mapped to Victorian Curriculum

In practice examples:  
Curriculum planning in schools

Numeracy and professional learning  
communities – Camberwell South PS 

Developing numeracy through  
authentic tasks – Derrimut PS 

Real world maths-3D model –  
Derrimut PS 

Additional resources

