

Teacher Resource Box

- 12 to 13 topic booklets
- Overview and Implementation Guide
- Teacher Resource DVD with planning documents, worksheets, assessment items and Visual Learning Bridges

Interactive Whiteboard DVD

- Captivating Visual Learning Animations
- Visual Learning Bridges
- Tools4Maths (11 digital tools) for interactive work

Student Activity Book

- Allows for further conceptual understanding, fluency building, reasoning, mental computation and open-ended problem solving
- F–2 books: 96 pages (approx.)
- 3–6 Books: 232 pages (approx.)

Activity Zone

- Laminated topic-based cards, colour-coded and provided in multiples for group work
- Investigations, digital activities, games and (for 3–6) mental computation cards
- F–2: 2 boxes (4 copies of every card)
- 3–6: 1 box (1 to 4 copies of every card)

Maths Thinking Skills Book

- Links directly to the cards activities in the Activity Zone
- Allows students to record their maths thinking and reflections
- A valuable portfolio of the student's maths thinking and goals
- Both 96 pages

Year

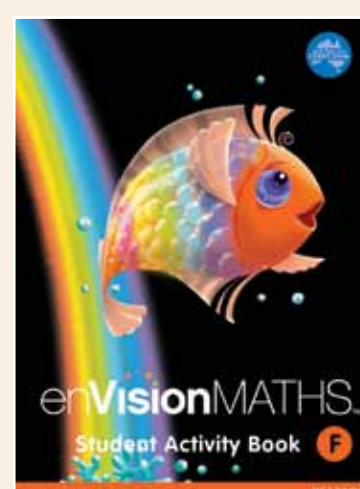
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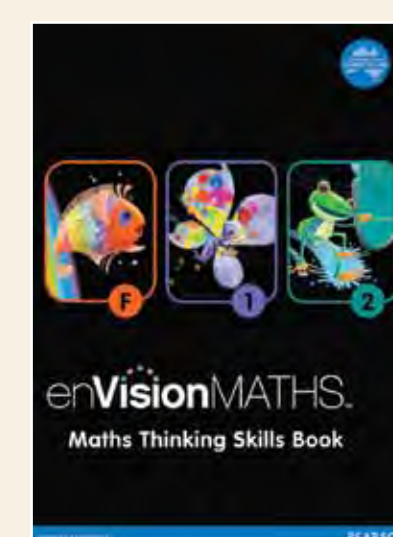
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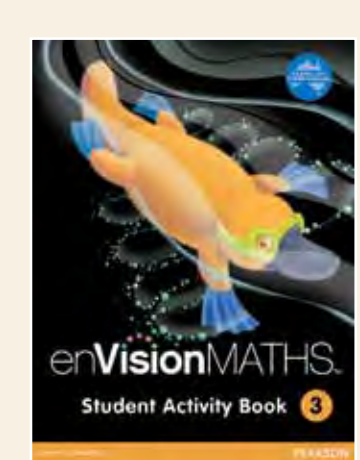
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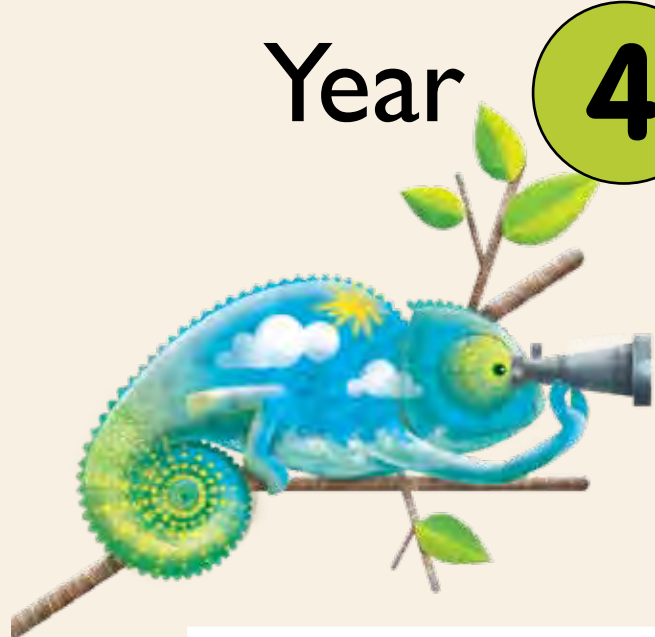
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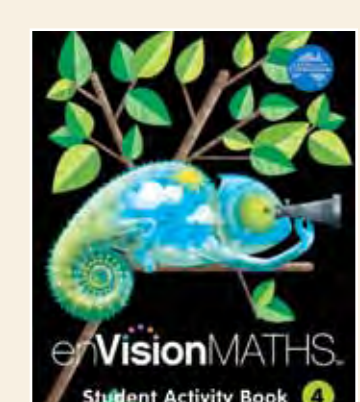
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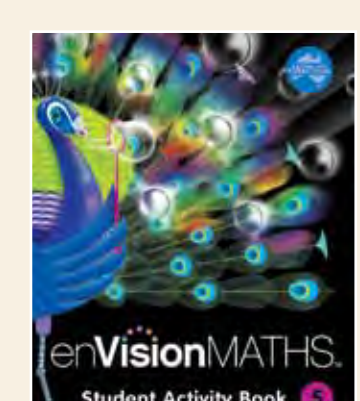
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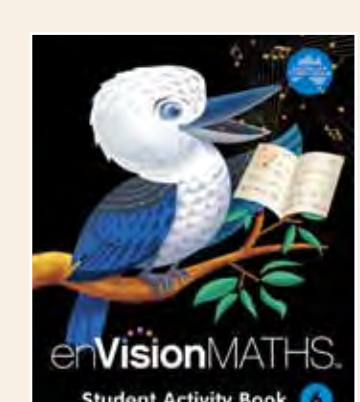
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- Provide a deeper conceptual understanding and higher proficiency in Maths
- Align to Australian Curriculum Mathematics content through direct curriculum links, using enVisionMATHS' instructional design that incorporates the proficiency strands
- Incorporate digital teaching and learning tools
- Use powerful visual learning strategies
- Be supported with expansive teacher support materials



Suggested Teaching Sequence*

1 Plan

Teacher Resource Book

- Plan and pre-assess using resources in the topic-based booklet from the Teacher Resource Box.



2 Introduce

Teacher Resource Book

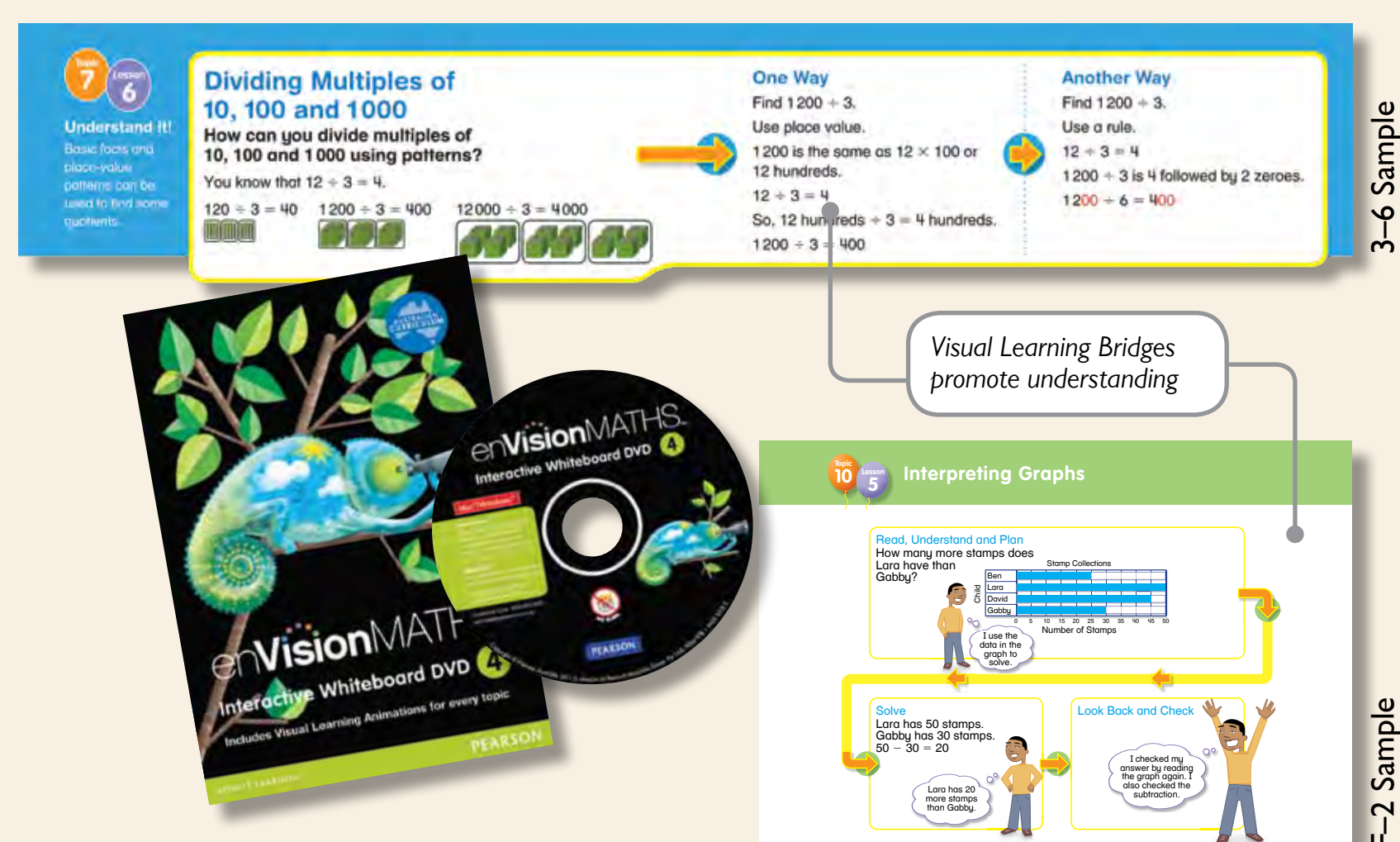
- Introduce each lesson by setting the purpose and make connections to students' previous learning
- Whole class teaching focus consolidating the concept and including problem solving (incorporating use of concrete materials)



3 Conceptual Understanding

Interactive Whiteboard DVD

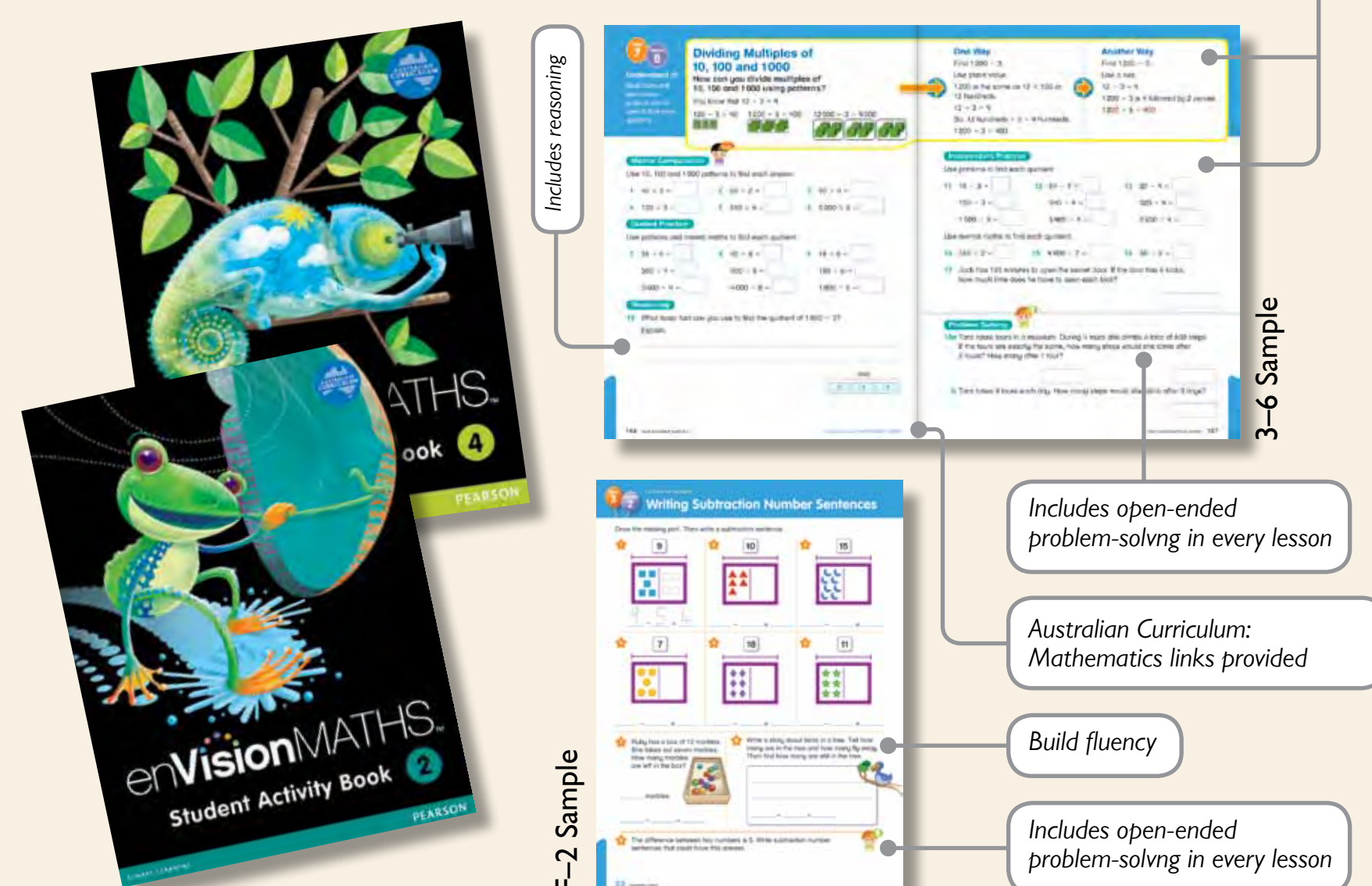
- Explore the concept through watching the Visual Learning Animation and the Visual Learning Bridge.



4 Guided and Independent Practice

Student Activity Book

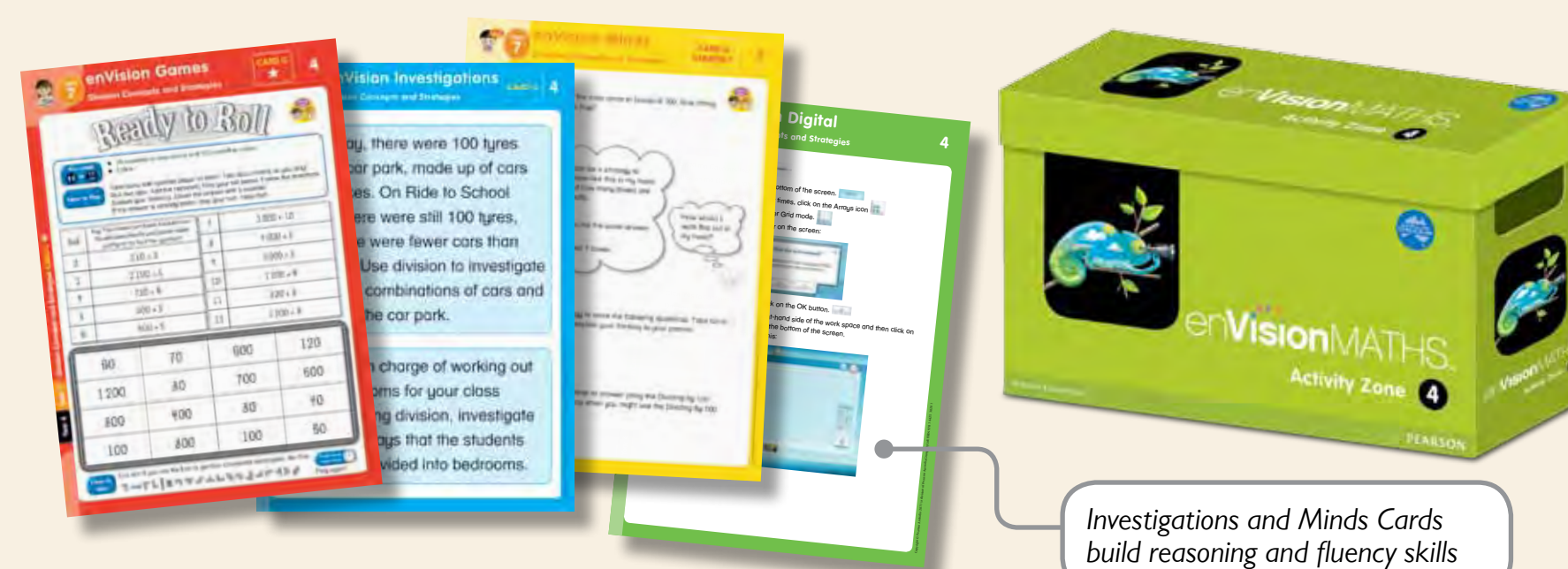
- Students complete activities in Student Activity Book



5 Differentiated Group Work

Activity Zone

- Small group work with students who may need further instruction while the rest of the class works in groups on differentiated learning centre activities from the Activity Zone, recording their work in their Maths Thinking Skills Book. (This group work may include digital activities using the Tools4Maths)

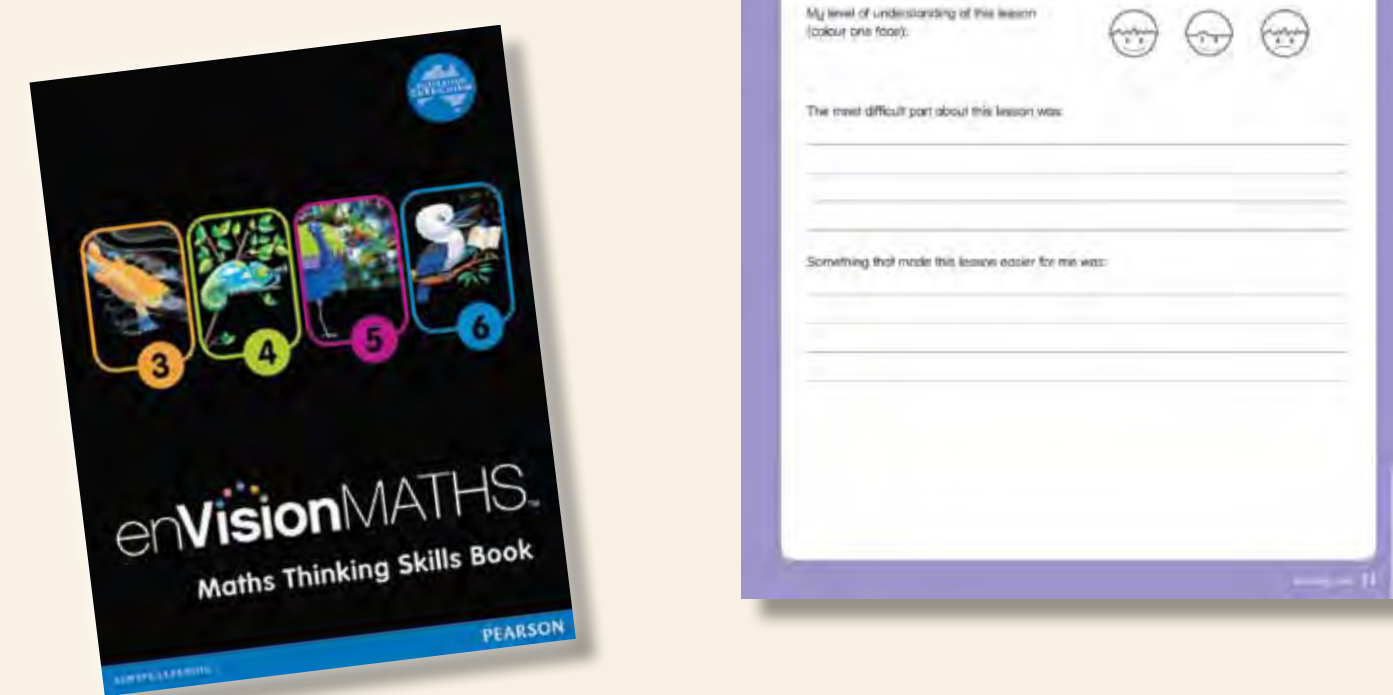


- Differentiated worksheets (from the Teacher Resource DVD) used for extra fluency practice at home or school.

6 Reflection

Maths Thinking Skills Book

- Whole-class reflection. Students record reflections in Maths Thinking Skills Book.



7 Assessment

- Ongoing and throughout using observations and recorded work in Maths Thinking Skills Book and topic-based pre- and post-assessment from teacher booklet. Includes assessment of reasoning.

Introducing exciting digital Maths activities



"Tools4Maths is a practical and valuable mathematics tool that allows teachers and students to explore spatial mathematics ideas. It is ideal for instructional purposes and its clear and colourful presentation allows for both class and small group investigation. Tools4Maths is a very clever resource that comes conveniently as a package of etools all under the one roof".

Matt Skoss
Mathematics and ICT Educational Consultant
Alice Springs, Northern Territory

Tools4Maths (available on each enVisionMATHS Interactive Whiteboard DVD)