

# CAMS<sup>®</sup> Plus STAMS<sup>®</sup> Plus & Solve<sup>®</sup>



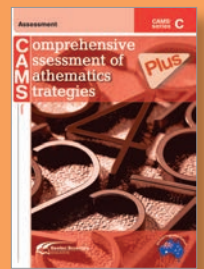
Aligned  
to Australian  
Curriculum

Levels A-H

**CAMS<sup>®</sup> Plus, STAMS<sup>®</sup> Plus** and **Solve<sup>®</sup>** is a powerful, integrated program that focuses specifically on the fundamental maths skills students must master. Each level of the program across all series is structured around 16 lesson topics identified as essential for mathematical learning at that level, so **CAMS<sup>®</sup> Plus, STAMS<sup>®</sup> Plus** and **Solve<sup>®</sup>** books work together effectively to ensure that students gain a solid understanding of key maths concepts – ultimately helping them succeed and become independent problem solvers.

## Assessment: CAMS<sup>®</sup> Plus (Levels A-H)

**Comprehensive Assessment of Mathematics Strategies (CAMS<sup>®</sup> Plus)** gives you the information you need to target instruction and measure progress in topics that align with Australian Curriculum content descriptions. Diagnose students' difficulties in the key standards-based skills. Quickly identify which of the 16 fundamental maths concepts and skills your students find most difficult and use the results to monitor progress through the **STAMS<sup>®</sup> Plus** program.



## Instruction: STAMS<sup>®</sup> Plus (Levels A-H)

The new **Strategies to Achieve Mathematics Strategies (STAMS<sup>®</sup> Plus)** helps educators teach key fundamental maths skills and concepts for each year level and provide explicit instruction to thoroughly address on-level Australian Curriculum content descriptions. Ideal for student who need extra support to meet year-level maths requirements. Enhance instruction with **STAMS<sup>®</sup> IWB** lessons.



## STAMS<sup>®</sup> Plus Interactive Whiteboard Lessons

Engage students and drive home understanding with interactive lessons to model instruction and bring every topic to life. IWB lessons are available for each **STAMS<sup>®</sup> Plus** practice in the student books. The IWB lessons offer students opportunities to question and explore mathematical concepts in greater depth.



## Practice: Solve<sup>®</sup> (Levels C-H)

Designed to provide concentrated mathematics practice on the key skills and concepts students need to master at each year level. **Solve<sup>®</sup>** provides students with carefully scaffolded and sequenced practice on the maths skills they need to understand to move to the next year level. The flexible practice book can be used on its own or with the **STAMS<sup>®</sup> Plus** instructional series to reinforce fundamental skills. Enhance instruction with **STAMS<sup>®</sup> IWB** lessons.



# CAMS<sup>®</sup> Plus

Levels  
A-H

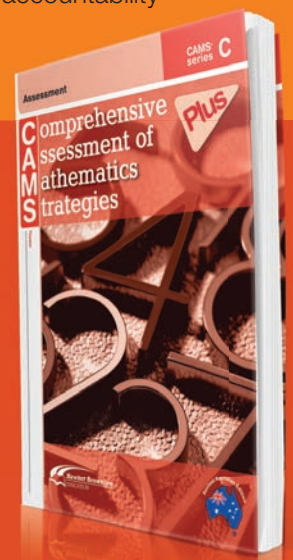
Accurately diagnose and provide differentiated mathematics instruction and practice.

**Comprehensive Assessment of Mathematics Strategies (CAMS<sup>®</sup> Plus)** gives you the information you need to target instruction and measure progress in topics that align to Australian Curriculum content descriptions.

- Aligns to Australian Curriculum content descriptions
- Pretest, benchmark and post test all in one book
- Student book and teacher guide for each level
- Self-assessments encourages goal-setting, reflection and student accountability
- Easy to administer and assess

**CAMS<sup>®</sup> Plus assesses mastery of key fundamental maths skills and concepts, with a balance between computational fluency and conceptual understanding. Level A-H topics include:**

- Place value
- Addition and subtraction
- Multiplication
- Division
- Fractions
- Decimals
- Ratios
- Proportional relationships
- Statistics and probability
- Expressions
- Equations
- Plane geometry
- Linear measurement
- Area
- Surface area
- Volume
- Graphs



**Helps you diagnose students' difficulties in the key standards-based skills. Use the CAMS<sup>®</sup> Plus pretest to determine which STAMS<sup>®</sup> Plus lessons are most appropriate for a particular student.**

**CAMS<sup>®</sup> Plus books include:**

- A **Pretest** which diagnoses students' strengths and weaknesses and guides their placement in the **STAMS<sup>®</sup> Plus Instruction Series**.
- Four **Benchmarks** which assess class progress throughout the year.
- A **Post test** which assesses students' mastery of concepts and skills following instruction with the **STAMS<sup>®</sup> Plus Series**.
- **Tracking Charts** to facilitate data collection and student self-assessment which encourage reflection.

**Quickly identify which of the 16 fundamental maths concepts and skills your students find most difficult and use the results to monitor progress through the STAMS<sup>®</sup> Plus program.**

Scan QR code to download a CAMS<sup>®</sup> Plus sample book!



# STAMS<sup>®</sup> Plus

Levels  
A–H

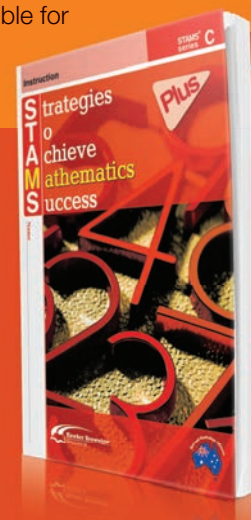
Target your individualised instruction on essential maths skills based on results from the *CAMS<sup>®</sup> Plus* series.

The new **Strategies to Achieve Mathematics Success (STAMS<sup>®</sup> Plus)** helps educators teach key fundamental maths skills and concepts for each year level and provide explicit instruction to thoroughly address on-level Australian Curriculum content descriptions.

- Highly scaffolded lessons and a consistent instructional routine re-teach concepts that students never mastered
- Student pages are highly visual to make the lesson more engaging and accessible for struggling learners
- Engaging Interactive Whiteboard Activities for every lesson

**STAMS<sup>®</sup> Plus** is ideal for students who need extra support to meet year-level maths requirements. All key skills and concepts covered in the *STAMS<sup>®</sup> Plus Series* align to Australian Curriculum content descriptions. Lesson topics have been carefully sequenced so students move from basic skills to more complex content. Levels A–H topics include:

- Place value
- Addition and subtraction
- Multiplication
- Division
- Fractions
- Decimals
- Ratios
- Proportional relationships
- Statistics and probability
- Expressions
- Equations
- Plane geometry
- Linear measurement
- Area
- Surface area
- Volume
- Graphs



**STUDENT BOOKS** provide highly scaffolded and visually appealing lessons designed specifically to support struggling students. All skills and concepts in each year level of *STAMS<sup>®</sup> Plus* align to Australian Curriculum content descriptions and have been identified as the most important maths skills students need to master to move on to the next year level.

- Five-part lessons provide focus and depth on each topic
- As students move through each five-part lesson, support is gradually removed to build student independence
- At each stage of the lesson, students become more accountable for their learning
- Students solve increasingly challenging problems as they move through each lesson
- Each lesson includes instruction and practice in answering multiple-choice, extended-response, and short-response questions

**TEACHER GUIDES** give you the structure and support you need to teach lessons most effectively, using best practices such as wait time, collaborative learning and informed progress monitoring. Key features in each lesson include:

- **Maths Background** helps teachers understand why the content of a particular lesson is important for students to learn
- **Step-by-step instruction** walks teachers through what they need to say and do during each part of the lesson
- **Answer Analysis** explains why an answer is correct and also shows the types of errors students make that lead them to answer questions incorrectly
- **Error Alert** points out common errors students make
- **Additional Activities** reinforces conceptual understanding
- **EAL/D Support** alerts you to words that might be making it harder for English as an Additional Language or Dialect students to learn a skill

**Teacher Guides** include thumbnails of each student book page with answers!

Scan QR code to download a STAMS<sup>®</sup> Plus sample book!



# Solve<sup>®</sup>

Levels  
C–H

Give your students the practice they need to master the fundamental maths skills. *Solve*<sup>®</sup> provides students with carefully scaffolded and sequenced practice on the maths skills they need to understand to move to the next year level. This flexible practice book can be used on its own or with the *STAMS*<sup>®</sup> *Plus* instructional series to reinforce fundamental skills.

- Questions reinforce conceptual understanding, not just rote and repetitive drill
- Aligned with Australian Curriculum content descriptions
- Perfect for small group settings, extended day programs, and at-home practice
- *STAMS*<sup>®</sup> IWB can also be used with *Solve*<sup>®</sup>

*Solve*<sup>®</sup> is designed to provide concentrated mathematics practice on the key skills and concepts students need to master at each year level. *Solve*<sup>®</sup> provides practice on the same 16 fundamental topics found in each *STAMS*<sup>®</sup> *Plus* book. All concepts covered in the *Solve*<sup>®</sup> series align to Australian Curriculum content descriptions. Lesson topics have been carefully sequenced so students move from model problems that will activate knowledge to more complex content.



All practice in *Solve*<sup>®</sup> is aligned with Australian Curriculum content descriptions. To ensure students are practising the types of questions most conducive to learning the key concepts, the following question types are included throughout *Solve*<sup>®</sup>:

- **Solve:** Short-answer, fill-in-the-blanks and multi-step problems are geared towards helping students think through a concept.
- **Test practice:** Multiple-choice, short-response and extended-response problems prepare students to think flexibly to solve problems they will encounter on test day.
- **Mental maths:** Problems can be solved in the students' heads after answering a series of leading questions.
- **Reasoning:** Problems require students to use higher-order thinking skills, including the abilities to evaluate, analyse and justify.
- **Connect:** Activity-based/interactive problems require students to make connections and apply what they have learned.

**TEACHER GUIDES** include thumbnails of each student book with answers and reproducible practice sets give you the support you need to ensure that your students are mastering the key mathematics skills for each year level.

Scan QR code to download a *Solve*<sup>®</sup> sample book!



Scan QR code to download a price list or visit  
[www.hbe.com.au/series-cams-and-stams/downloads](http://www.hbe.com.au/series-cams-and-stams/downloads)

