

# STARSEUS

Strategies to Achieve Reading Success

# SUPPORTING RESEARCH



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#### STARS® Series

The Supporting Research document for *Strategies to Achieve Reading Success (STARS® Series)* provides information related to **research-proven strategies and features** that lead toward meaningful **reading comprehension instruction** for each student.

This document is based on a literature review of academic monographs, journals, and reports by content-area researchers and experts.

The Supporting Research document also covers topics related to best practices of classroom-based reading instruction.

# Introduction



#### **CARS** Plus Series

Diagnose needs of the class by administering 5 Pretests

Benchmark during instruction to monitor progress, using 5 longer tests

**Assess** mastery by administering 5 Post



#### STARS Plus Series

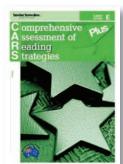
**Instruct** the class in 1 to 6 strategies, based on students' needs (differentiate instruction using Books P-H)

#### What are the CARS® and STARS® Series?

Comprehensive Assessment of Reading Strategies (CARS® Series) and Strategies to Achieve Reading Success (STARS® Series) are comprehensive resources that allow teachers to identify and teach essential reading comprehension strategies. As the diagram above indicates, the CARS® Series is the assessment component, and the STARS® Series is the instruction component.

#### **CARS® Series**

The CARS® Series is a diagnostic reading series that allows teachers to identify and assess a student's level of mastery for core reading strategies.



It contains a Pretest, Benchmarks and a Post Test. This ten-level series is designed for students from Foundation to Year 9.

The CARS® Series helps teachers place students in the companion STARS® Series for reading instruction and remediation.

#### **STARS® Series**

The STARS® Series is a prescriptive reading series that provides essential instruction in the same core reading strategies assessed in the CARS® Series. This tight alignment allows teachers to make instructional decisions quickly and easily based on



students' results from the Pretest, Benchmarks and Post Test in the CARS® Series.

Other major research-based best practices of the STARS® Series include:

- Core reading strategies
- Data-driven instruction
- Differentiated instruction
- Explicit instruction
- Graphic organisers
- Instructional support for English language learners
- Scaffolded instruction
- Standards-based assessment to guide instruction
- Teacher support







# Research-based Best Practices



The STARS® Series is founded on research-based strategies and features that are designed to support students as they learn how to read for meaning. Many of the strategies and features are supported by the US National Reading Panel (NICHD, 2000) and are presented in a quick-reference chart that begins on page 19.

#### **Core Reading Strategies**

From classroom teachers to the federal government, one of the most important educational goals is to build rooms full of independent, strategic readers. This is no simple task because reading is a complex process that requires students to use multiple thinking skills and processes in order to understand what they are reading (Adams, 1990; Beers, 2003; CCSSO/NGA, 2010; NICHD, 2000).

Researchers have proven that many skills, such as a student's vocabulary level, fluency rate, prior knowledge and mastery of reading strategies, all play integrated and significant roles in the development of independent reading (CCSSO/NGA, 2010; NICHD, 2000). "Mastery of these foundational reading strategies allows students to engage in richer and deeper reading experiences" (Connor & Farr, 2009; Pearson Ed Group, 2010).

#### From Research to Application:

In this wide arena of reading skill-building, the STARS® Series focuses on students' mastery of core reading strategies so that students can connect to and understand what they are reading.

Each lesson focuses on one reading strategy. Cumulative review lessons and a final review lesson test for retention of the new strategies. These review lessons provide important feedback to the teacher before moving students to the next instructional lesson.

#### **Core Reading Strategies**

#### **Book P**

- Finding the Big Idea
- Finding Details
- Putting Things in Order
- Understanding What Happens and Why
- Making a Guess
- Figuring Things Out

#### **Book AA**

- Finding the Big Idea
- Finding Details
- Putting Things in Order
- Understanding What Happens and Why
- Making a Guess
- Figuring Things Out

#### **Book A**

- Finding Main Idea
- Recalling Facts and Details
- Understanding Sequence
- Recognising Cause and Effect
- Making Predictions
- Finding Word Meaning in Context
- Drawing Conclusions and Making Inferences
- Reading Pictures

#### **Book B-C**

- Finding Main Idea
- Recalling Facts and Details
- Understanding Sequence
- Recognising Cause and Effect
- Comparing and Contrasting
- Making Predictions
- Finding Word Meaning in Context

- Drawing Conclusions and Making Inferences
- Distinguishing Between Fact and Opinion
- Identifying Author's Purpose
- Interpreting Figurative Language
- Distinguishing Between Real and Make-believe

#### **Book D-H**

- Finding Main Idea
- Recalling Facts and Details
- Understanding Sequence
- Recognising Cause and Effect
- Comparing and Contrasting
- Making Predictions
- Finding Word Meaning in Context

- Drawing Conclusions and Making Inferences
- Distinguishing Between Fact and Opinion
- Identifying Author's Purpose
- Interpreting Figurative Language
- Summarising



# Introduction





As districts and schools have looked for strategies to help raise achievement, the use of data to predict and enhance student performance has emerged as perhaps the dominant improvement strategy.

(US Department of Education, 2010)







#### How can I assess students' progress in the STARS Plus Series?

After students have been placed into the STARS Plus Series, based on the diagnosis from the CARS Plus Pretests, several methods may be used to assess students' progress in the STARS Plus Series.

You may use classroom observation to monitor and informally assess students' mastery of the strategies taught in each STARS Plus lesson.

You may also use the following to formally assess students' mastery of the strategies:

#### STARS Plus Review Lessons

A review lesson follows every three strategy lessons. The reviews may be used to assess students' mastery of the reading strategies taught in those three lessons in the STARS Plus student

#### STARS Plus Final Review

A final review follows all 12 strategy lessons. The final review may be used upon completion of the student book to assess students' mastery of all 12 reading strategies.

#### CARS Plus Benchmarks

These five tests may be used throughout instruction in the STARS Plus student book (after the CARS Plus Pretests and before the CARS Plus Post Tests) as individual progressmonitoring tools to monitor students' progress in applying all 12 reading strategies.

#### CARS Plus Post Tests

These five tests may be used upon completion of the STARS Plus student book to assess students' overall mastery of all 12 reading strategies. The results of the CARS Plus Post Tests may be compared with the results of the CARS Plus Pretests to assess students' mastery of the reading strategies.

Teachers receive clear and explicit suggestions to monitor students' progress.

#### **Data-driven Instruction**

Researchers have thrown their full support behind the use of data-driven instruction (Education Commission of the States, 1992; International Reading Association, 2010; Trimble, Gay & Matthews, 2005; US Department of Education, 2010). Datadriven instruction is an approach that benefits every student because it can provide teachers with the tools to differentiate and customise instruction for students.

Instructional decisions are based on the systematic collection of data concerning students' performance on a learning task. Currently, more and more reliance and emphasis is being given to data-driven instruction through the federal government.









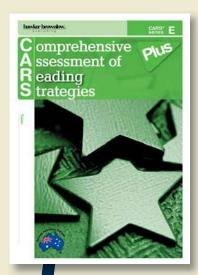


While schools are moving toward electronic data management, there are still some existing obstacles for implementing electronic instructional management systems at the classroom level. Researchers (Morsy, Kieffer & Snow, 2010; Pearson, 2010; US Department of Education, 2010) have determined that teachers are limited in their use of electronic data due to a lack of time to analyse data and make instructional decisions, a lack of professional development in the use of electronic systems, and a lack of streamlined data to create meaningful and actionable results.

The STARS® Series is one solution for meeting the need for data to help teachers make instructional decisions at the classroom level.

#### From Research to Application:

Implementation of the STARS® Series is based on the results of the Pretest, Benchmarks and the Post Test in the CARS® Series. The Teacher Guide for the STARS® Series provides easy-to-use suggestions for assessing students' progress in the STARS® Series. When the STARS® Series is used in conjunction with the CARS® Series, teachers are assured they are providing the most effective reading comprehension instruction.



Student results from the CARS® Series help drive instruction in the STARS® Series.







#### How can I provide differentiated instruction using the STARS Plus

There are two easy ways to provide differentiated instruction in the classroom using the STARS Plus

#### By Reading Strategy

Use the results from the Pretests in the CARS Plus Series to diagnose the individual needs of the students in your classroom.

Then use STARS Plus Book E to provide targeted instruction in one specific strategy or in several strategies to remediate areas that need improvement and/or reinforcement.

Or, you may wish to provide instruction using the entire STARS Plus Book E to build students' basic knowledge of all the reading strategies.

#### By Reading Level

Students in the same classroom are likely to be reading at different skill levels (below year level, at year level or above year level). You can use the levelled books in the STARS Plus Series (Books P-H) to meet this need.

To enable this type of differentiated instruction, the sequence of the strategies and the page numbers across the books in the STARS Plus Series are the same from lesson to lesson (with some exceptions in Books P-C). So all students in the classroom receive the same reading-strategy instruction but work with appropriately levelled reading passages.

For example, some year-five students may work in the on-level Book E, which contains reading passages that don't extend beyond a year-five reading level. At the same time, other students in the class may be assigned an above-level book, while other students may be assigned a below-level

Differentiated instruction is a hallmark of today's education reform movement.

#### **Differentiated Instruction**

Differentiated instruction is an instructional approach that allows students of varying abilities to learn the same content. It is also one of the foundational strengths of the response-to-intervention (RTI) model of instruction.

Current research on education reform featuring the RTI model of instruction and data-driven instruction all single out differentiated instruction as being a key element of success. Because of varying language abilities, English language learners (ELL) especially benefit from differentiated instruction.

" 'Multiple paths' does not mean that students are given free rein; it means that teachers must find that sweet spot between structure and choice that makes student learning possible. . . . By allowing options that accommodate different thinking patterns, teachers help all students not only achieve planned learning goals but also own these goals in a way that's all theirs" (Carolan & Guinn, 2007).

#### From Research to Application:

The STARS® Series provides explicit, detailed instructional suggestions for providing differentiated instruction. Teachers may differentiate their instruction either through reading strategies or through reading levels, which is a special benefit for struggling readers.

To allow for differentiated instruction by reading level, each level of the STARS® Series covers the same reading strategies in the same page order.

Therefore, a struggling student may be able to receive the same reading-strategy instruction using a lower-level book as students who are using an on-level book.







#### **Explicit Instruction**

Today, a lot of attention is directed toward teaching students 21st century literacy skills (Carnegie Council on Advancing Adolescent Literacy, 2010; Kamil et al. 2008; Torgesen et al. 2007). These literacy skills involve the development of higher-order thinking and reading comprehension. Some reading strategies that require higher-order thinking are: finding main idea and details (analysing), understanding sequence, recognising cause and effect, comparing and contrasting, making predictions, and drawing conclusions and making inferences.

The use of explicit instruction is documented as one of the most effective ways of teaching these 21st century skills. According to the US National Reading Panel (NICHD, 2000), explicit instruction or direct explanation gives students "higher levels of awareness of specific reading strategies, as well as a greater awareness of the need to be strategic when reading" (pp. 4–122). The direct-explanation instructional approach coupled with these specific reading strategies makes the STARS® Series an effective program for teaching 21st century literacy skills.

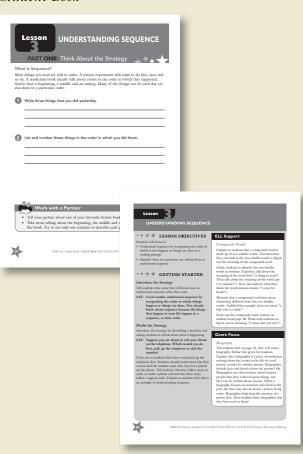
Kamil et al. (2008) directly states that explicit instruction is a research-based instructional strategy that improves students' understanding of reading strategies. The chart on page 9 lists the actions these researchers recommend to implement explicit instruction of reading strategies, all of which are practised in the STARS® Series.



Those students lagging furthest behind receive intensive courses that provide explicit instruction on critical reading and writing skills and strategies with ample opportunities for scaffolded practice. Such scaffolding allows for acceleration and helps struggling students to tackle rigorous work.

(Carnegie Council on Advancing Adolescent Literacy, 2010)

#### Student Book



Teacher Guide

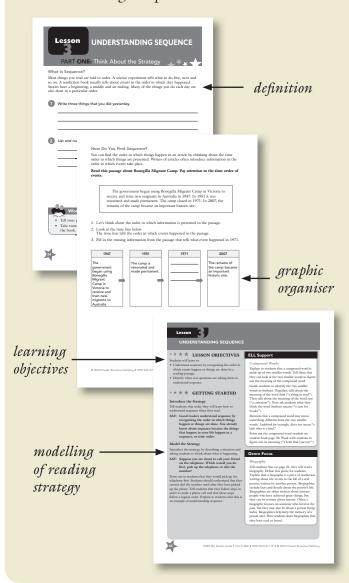
Both teachers and students benefit from direct, explicit instruction.





#### How to Provide Explicit Instruction The STARS® Series Provides Explicit Instruction Carefully select the text to use when beginning to teach a Reading selections of varying length, theme and genre enable effective application of each reading strategy. given strategy. Make sure that the text is at the appropriate reading level of Teachers may differentiate instruction of the reading strategies by using an off-level book to meet students' needs. students. Provide the appropriate amount of guided practice The STARS® Series provides practice through Guided depending on the difficulty level of the strategies that Practice in each lesson, Review lessons and the Final Review students are learning. lesson. Talk about comprehension strategies while teaching them. Students work with a partner to discuss their work. Teachers talk with students throughout each lesson part (except Part Five).

The STARS® Series integrates explicit instruction to provide students with the strongest methods to achieve reading comprehension.



#### From Research to Application:

The STARS® Series uses explicit instruction through the use of a definition, a readingstrategy model, and learning objectives for each reading strategy. Prominent graphic organisers provide another mode of access to understanding a reading strategy, through graphic representation. The graphic organiser feature is particularly helpful to ELL students because the text demand is lessened for students.







#### **Graphic Organisers**

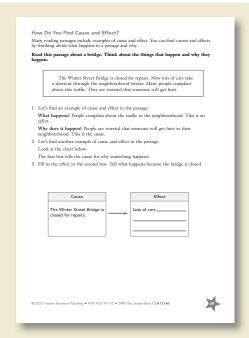
Graphic organisers provide a visual representation of the organisation of and the relationship between ideas and concepts in a reading passage or of the meaning of a word or phrase in the context of the reading passage. They are a means to stimulate students' interaction with the text, both on an idea level and on a word meaning level. Researchers (Beck, McKeown & Kucan, 2002; NICHD, 2000; Vacca & Vacca, 2005) confirm that active interaction and engagement maximises and deepens students' learning.

ELL students also benefit from the use of graphic organisers as a way to gain comprehension. "Graphic organisers facilitate ELLs' comprehension through visual illustrations of key terms, vocabulary, ideas and the relationship among them" (Sigueza, 2005). A graphic organiser is a highly effective method for initiating student interaction with text and facilitating comprehension.

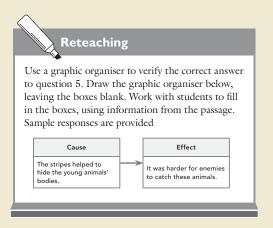
#### From Research to Application:

Part One of each lesson in the Student Book provides a graphic organiser to help present the reading strategy in a visual way. Students who are not able to easily internalise the newly learned reading strategy will benefit from this concrete and overt method of learning.

Additionally, provided in Part One of each lesson in the Teacher Guide, is a Tip describing how to complete the graphic organiser. Part Four of each lesson in the Teacher Guide contains a Reteaching activity. This activity uses the graphic organiser in a direct application of the reading strategy. Through the graphic organiser, students demonstrate their mastery of the reading strategy in a visual way.



Part One: Think About the Strategy



Graphic organisers offer overt and concrete ways to demonstrate comprehension.



#### **ELL Support**

#### Plural Forms of Regular Nouns

Explain to students that nouns name people, places or things. Students can look at the endings of nouns to know how many.

Work with students to form the plurals of regular nouns. Write this sentence on the board: I picked up the eraser. Help students identify the noun (eraser) and how many (one). Explain that to form the plural of a regular noun, you add either s or es. Then work together to form the plural (erasers) and tell how many (more than one).

Next, write the words box, bear and feather on the board. Work with students to form the plurals. Be sure to pronounce the words as you explain how each plural is formed (boxes: add es; bears: add s; feathers: add s).

Point out the regular plural noun feathers on student book page 8.

The ELL Support feature in the Teacher Guide helps ELL students with language concepts and eliminates some of the difficulties they face in understanding what they are reading.

#### **Instructional Support for English Language Learners**

Why are English language learners considered struggling readers?

While ELLs face obvious challenges to improve their reading scores, research-based teaching instructions are available. "[W]ith allowances for the language issues themselves, effective reading instruction for English language learners may be similar to effective instruction for English-proficient children, whether the ELLs are first taught in their native language or in English" (Slavin & Cheung, 2003).

#### From Research to Application:

The STARS® Series is a program that is comprehensive in its use of effective learning and teaching strategies for on-level and struggling readers, and ELL students as well. Features particularly helpful to ELL students, such as explicit instruction, graphic organisers, peer learning and theme-based instruction, are integrated throughout the STARS® Series and are discussed in this section and in the Quick-Reference Chart of Best Practices on page 19.

In addition, the STARS® Series features an explicit ELL instructional support feature called ELL Support that appears in each lesson plan in the Teacher Guide. This feature focuses on English concepts that present reading challenges to ELLs. Teachers may use this feature to help students understand confusing words or unclear usage.







#### **Scaffolded Instruction**

The STARS® Series is designed around the organisational framework of scaffolded instruction. Each lesson is organised into five parts; each lesson part is integrated with scaffolded instruction. Scaffolded instruction benefits all types of students, including ELLs. "Scaffolded instruction optimises student learning by providing a supportive environment while facilitating student independence" (ERIC Document, 2002).

Books A–H in the STARS® Series have five parts for each strategy lesson. Each part of a lesson is organised by scaffolded instructional strategies. The STARS® Series guides students through the learning process, from prior-knowledge activation, to modelled and guided direct instruction with peer learning, to text guided modelled and guided practice, and finally to independent work.

#### Part One: Think About the Strategy

#### **Modelled Instruction**

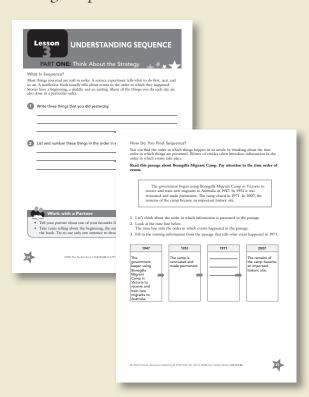
Activating prior knowledge helps readers relate their existing knowledge to the concepts in a text. Prior knowledge allows students to make unconscious inferences during reading. Students also try to figure out how the text they are reading relates to their personal prior knowledge (Pressley, 2002).

Part One: Think About the Strategy begins by cueing students to reflect upon their already established content knowledge. Students then demonstrate their mastery of the knowledge by answering several open-ended questions.

Research (NICHD, 2000; Snow, 2002; Vacca & Vacca, 2005) has shown that both native English speakers and ELLs benefit from prior-knowledge activation in comprehending text. Students reinforce their prior-knowledge activation by discussing their responses with a peer.

# Stars Series Scaffolded Instruction Modelled Independent Guided

Scaffolded instruction is a hallmark of effective reading-comprehension instruction.



Modelled Instruction



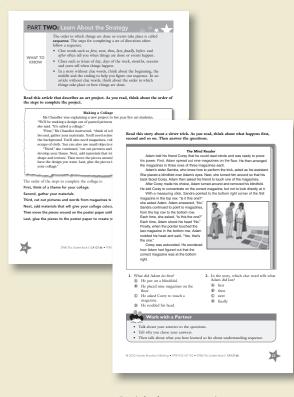
All students, regardless of their proficiency in English, come to school with a valuable background of experience and knowledge on which teachers can capitalize.

(Reed & Railsback, 2003))









#### Guided Instruction



#### Cooperative Learning

#### Part Two: Learn About the Strategy

#### **Guided Instruction**

Students' exposure to the lesson's reading strategy continues with Part Two: Learn About the Strategy. Part Two begins with the teacher guiding students through using the strategy in context and identifying text evidence. The teacher then provides guidance as needed as students read a passage and answer questions on their own. "Many students, particularly low-performing students, learn more quickly from a clear, concise explanation of what to do and how to do it" (Carnine, 2010). After students apply their newfound knowledge to two selected-response questions, they once more interact with a peer to discuss their responses and determine how they arrived at their responses.

English language learners face unique challenges in the reading classroom when they must explain their thought processes either in writing or in discourse. The STARS® Series can aid ELL students by pairing them up with another student.

Students work together in Part One and Part Two of each strategy lesson through the Work with a Partner activity. This one-to-one interaction aids ELL students when they are having difficulty comprehending a word or phrase and when expressing themselves. Students also reinforce what they have learned by sharing and discussing their work.

Also, when students work with peers who are in various stages of mastering a task, mutual reasoning and conflict resolution are likely to occur, which, in turn, facilitate learning (Mevarech & Light, 1992; Partnership for 21st Century Skills, 2007). This scaffolded learning experience prepares students for the upcoming independent work they will encounter in the rest of the strategy lesson.







#### **Part Three: Check Your Understanding**

#### **Modelled Practice**

Part Three: Check Your Understanding allows students to assimilate new learning by applying it to a new reading selection. Students become more responsible for their learning.

They begin by reviewing the lesson's learning objectives. Students then experience modelled practice as they respond to the reading strategy questions that follow the reading selection. In a think-aloud format, Part Three makes explicit the reasoning for choosing or not choosing each answer choice.

This modelled practice provides experience with the strategy and gives students a feeling of control over the strategy before they work with a group or independently.

# Part Four: Build on What You Have Learned

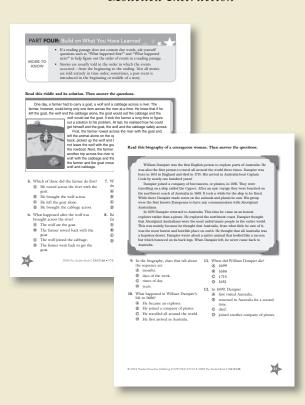
#### **Guided Practice**

Part Four: Build on What You Have Learned provides students with an additional connection to the primary reading strategy taught in the lesson. Students take on more responsibility for their learning as they move from direct instruction to more independent application by reading a selection and answering four selected-response questions.

Students continue the lesson by reading a second selection and applying the newly learned reading strategy to four more questions.



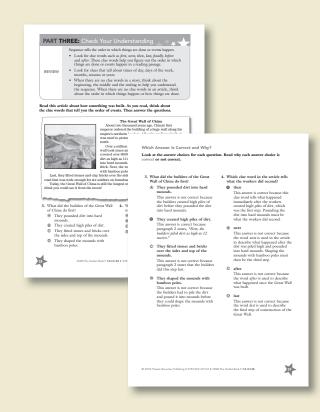
#### Modelled Instruction



Guided Practice







Independent Practice and Test-taking Practice

#### Part Five: Prepare for a Test

#### **Independent Practice**

A true measure of success is when a student becomes an independent learner. The instructional goal of developing a class of independent learners is valued because "high achieving students prefer independent study and are significantly more self-motivated, persistent, responsible, teacher and adult motivated, and prefer tactile rather than auditory instruction. They also strongly prefer self-direction, flexibility, and options as well as a minimum of structure and lecture" (Collinson, 2000).

In *Part Five: Prepare for a Test*, students read test-taking strategies and then proceed to a reading selection. Teaching test-taking strategies and providing practice for test taking is a value-added feature of the STARS® Series.

Gulek (2003) discusses the several benefits researchers have found about test preparation. Adequate and appropriate test preparation plays an important role in helping students demonstrate their knowledge and skills in high-stakes testing situations.

Norton and Park (1996) found a significant relationship between test preparation and academic performance. Chittooran and Miles (2001) also concluded that "adequate test preparation significantly improves student attitudes toward test taking and, hence, actual performance on high-stakes tests" (p. 42).

The STARS® Series offers additional practice with test preparation in each Review lesson as well as the Final Review.







#### **Teacher Support**

"A prepared teacher knows what to teach, how to teach, and has command of the subject matter being taught" (US Department of Education, 2010). As a result of the use of data-management systems that tie student performance to teacher evaluation, teachers are now being held even more accountable for their teaching impact. In light of

this increased emphasis on teacher effectiveness, the STARS® Series has increased its instructional-support features. These features are useful for the teacher who is teaching both English speaking students and ELL students.

Teacher Guide Lesson Part	Feature	Purpose	Research Says
Introduction	Getting Started	Scripted text supports teachers in helping students transition into and prepare for the new reading strategy lesson.	"To improve poor comprehension, researchers have used instructional scripts that provide students with essential background knowledge, key concepts and vocabulary." (Snow, 2002)
Introduction	ELL Support	Covers language concepts that may challenge students	Researchers state that one of the best practices for teaching ELL students is to model standard pronunciation and grammar. (Mohr & Mohr, 2007)
Introduction	Genre Focus	Provides key characteristics of genres, connecting students to literary features of lesson passages	"Contemporary language arts standards call for students, at all ages, to read authentic literature across genres (e.g. novels, memoirs, interviews) and to write in various genres All of these opportunities provide potentially powerful contexts in which students can learn to interpret text and can learn how to learn from text." (Snow, 2002)
Part One through Part Five	At-a-Glance and Step-by-Step	The At-a-Glance feature provides a quick overview of each part of the lesson.  The Step-by-Step feature provides explicit directions that teachers may choose to use to guide students through each part of the lesson.  This feature also includes tips for implementing accountable discourse and text interaction.	"In accountable discourse, students take one another's remarks seriously and respond directly to them. They must be able to back up their statements with evidence." (Michaels, O'Connor & Resnick, 2007)
Part One through Part Five	Tips	Each tip offers teaching support that directly relates to the activities on the student book page.	"Preparing teachers who have the skills and knowledge to help [] students achieve their full potential is a national effort that requires a strong partnership among institutions of higher education; elementary and secondary schools; governments at the state, local, and federal levels, and private industry." (US Department of Education, 2009)

(continues)





Teacher Guide Lesson Part	Feature	Purpose	Research Says
Part Three	Teacher's Corner	Provides the teacher with additional information about the reading strategy	"The reauthorization proposal supported by the 2011 request would ask States and LEAs to set clear standards for effective teaching and to design evaluation systems that fairly and rigorously differentiate between teachers on the basis of effectiveness." (US Department of Education, 2010)
Part Four	Reteaching	Reinforces and deepens students' learning by using a graphic organiser to visually depict and verify the correct answer to a strategy-based question	"Graphic organizers can provide students with tools they can use to examine and show relationships in a text." (Adler, 2004)
Part Five	Connecting with Literature	Invites students to apply the strategy to authentic literature through a Book Share	"Aesthetic responses to literature can be elicited by allowing students to choose books to read and their responses, to relate associations and feelings, and to extend the text." (Buss & Karnowski, 2003)
Features of a STARS® Lesson	Management Tips	Offers classroom-management and instructional suggestions to make instruction effective for small-group instruction and other scenarios	"By allowing options that accommodate different thinking patterns, teachers help all students not only achieve planned learning goals but also own these goals in a way that's all theirs." (Carolan & Guinn, 2007)

A description of these teacher-support features can be found on pages 12-23 in the Teacher Guide of Books A-H and on pages 12-16 of Books P and AA. With this enhanced support for teaching the core reading strategies in the STARS® Series, students' mastery of these strategies is greatly improved.





# Quick-Reference Chart of Best Practices

This series uses	Example	Research says
Answer Analysis for Students As a part of guided instruction, students receive immediate feedback about their answer choices and read the reasoning behind correct and incorrect answers.	SB: Books P and AA  Included in teacher and student discussions SB: Books A–H  In each lesson, Part Three: Check Your Understanding	Research (Pashler et al. 2007) has shown that when students receive direct instruction about the reasons why an answer is correct or incorrect, they demonstrate long-term retention and understanding of newly learned content.
Authentic Discourse A learning strategy that enhances students' understanding of newly learned concepts through group conversations. This strategy is especially helpful to ELLs because they are not hindered by printed language structures.	SB: Books AA–H In each lesson, Part Two: Guided Instruction, Work with a Partner feature	"Talking to others about ideas and work is fundamental to learning." (Resnick, 2010)
Cooperative Learning Students work together in pairs or small groups to attain their individual goals.	SB: Books AA–H  • In each lesson, Work with a Partner feature	"Having peers instruct or interact over the use of reading strategies leads to an increase in the learning of the strategies, promotes intellectual discussion and increases reading comprehension." (NICHD, 2000, pp. 4–45)
Differentiated Instruction Students of varying abilities learn the same content using different instructional approaches.	SB: Books C–H  In each lesson, Part One through Part Five, modelled, guided, and independent practice and instruction TG: Books AA–H  In each lesson, Part One through Part Five, teachers are given paired and whole-group instruction options	"'Multiple paths' does not mean that students are given free rein; it means that teachers must find that sweet spot between structure and choice that makes student learning possible By allowing options that accommodate different thinking patterns, teachers help all students not only achieve planned learning goals but also own these goals in a way that's all theirs." (Carolan & Guinn, 2007, p. 45)
Direct Instruction Lesson plans include explicit step-by- step instruction of reading and learning strategies as well as lesson objectives.	SB: Books AA–H  • In each lesson, Part Two: Learn About the Strategy	"Direct instruction is appropriate instruction for all learners, all five components of reading, and in all settings (whole group, small group and one-on-one)." (FCRR, 2006)
ELL Accommodations English language learners are a large part of today's classrooms. These students need extra support and scaffolding while learning new information. Some teaching strategies that have been proven to be effective for ELL students are: graphic organisers, explicit instruction, scaffolded instruction, shared reading and themebased instruction.	SB: Books A–H  In each lesson, graphic organisers, explicit instruction, scaffolded instruction, shared reading and themebased reading passages are key ELL instructional accommodations.  TG: Books A–H  See section entitled, "What instructional features in the STARS® Series can be helpful for students, especially ELL students?"  Introduction, ELL Support	"In virtually every part of the country, middle and high schools are now seeing expanding enrollments of students whose primary language is not English. Rising numbers of immigrants, other demographic trends, and the demands of an increasingly global economy make it clear that the nation can no longer afford to ignore the pressing needs of the ELLs in its middle and high schools who are struggling with reading, writing and oral discourse in a new language." (Short & Fitzsimmons, 2007)

(continues)





(continued)

This series uses	Example	Research says
Explicit Instruction Students receive explicit instruction of each reading strategy consisting of a definition, a short example passage and learning objectives.	SB: Books AA–H  • In each lesson, Part Two: Learn About the Strategy	Researchers Manset-Williamson and Nelson (2005) explain, "Explicit instruction involves the overt, teacher-directed instruction of strategies, including direct explanation, modeling, and guided practice in the application of strategies" (p. 62).
Genre Instruction Students receive instruction of genre properties of reading passages which aids in both their recall and comprehension of the passages.	TG: Books C–H  • In each lesson, Introduction, Genre Focus	"The instruction of the content and organization of stories thus improves comprehension of stories as measured by the ability of the reader to answer questions and recall what was read. This improvement is more marked for less able readers." (NICHD, 2000, pp. 4–45)
Graphic Organisers Graphic organisers are visual displays that help learners comprehend and retain textually important information.	SB: Books AA–H  In each lesson, Part One: Think About the Strategy TG: Books P and AA  Refer to Part One: Skill Development section  In each lesson, Part Four: Build on What You Have Learned, Reteaching feature	"When students learn how to use and construct graphic organizers, they are in control of a study strategy that allows them to identify what parts of a text are important, how the ideas and concepts are related, and where they can find specific information to support more important ideas." (Vacca & Vacca, 2005, p. 399)
Listening Comprehension Development and mastery of listening comprehension on the meaning level is one of the first stepping stones in learning how to read.	Series:  • Book P uses listening activities and a selected few reading activities to teach reading strategies.  • Books AA–H use both listening and reading activities, including the "shared reading" strategy to teach reading strategies.	"Teachers should emphasize text comprehension from the beginning, rather than waiting until students have mastered "the basics" of reading. Instruction at all grade levels can benefit from showing students how reading is a process of making sense out of text, or constructing meaning." (Armbruster & Lehr, 2001)
Multiple-strategy Instruction Students are taught that more than one cognitive strategy may be used to gain meaning from text. Strategies such as comparing and contrasting and making predictions work together to make text meaningful.	SB: Books C–H  • After every third lesson, and at the end of each book, Review and Final Review sections	"Skilled reading involves the coordinated use of several cognitive strategies. Readers can learn and flexibly coordinate these strategies to construct meaning from text." (NICHD, 2000, pp. 4–77)
Prior-knowledge Activation These are learning activities that stimulate knowledge that comes from previous experiences.	SB: Books AA–H  In each lesson, Part One: Think About the Strategy TG: Book P  In Part One: Skill Development section  Lesson Opener, Getting Started section	"Several meta-analyses and reviews of the research have found that direct, explicit instruction in such specific strategies as summarizing, identifying text structure and visual clues, calling on prior knowledge, and using graphic organizers improves students' reading comprehension." (Biancarosa, 2005)

(continues)









This series uses	Example	Research says
Reading-strategy Instruction  Explicit and direct instruction of each core reading strategy occurs in order to gain meaning from text.	<ul> <li>Series:</li> <li>Books P and AA introduce 6 core reading strategies.</li> <li>Book A introduces 8 core reading strategies.</li> <li>Books B–H introduce 12 core reading strategies.</li> <li>TG:</li> <li>Understanding the Strategies</li> <li>Teacher's Corner</li> </ul>	Afflerbach, Pearson & Paris (2008) explain that reading strategies are "deliberate, goal-directed attempts to control and modify the reader's efforts to decode texts, understand words and construct meanings." (p. 368)
Scaffolded Instruction An instructional strategy in which gradual withdrawal of support occurs through modelled, guided, and independent instruction and practice.	SB: Books AA–H  Part One: Think About the Strategy (Modelled Instruction)  Part Two: Learn About the Strategy (Guided Instruction)  Part Three: Check Your Understanding (Modelled Practice)  Part Four: Build on What You Have Learned (Guided Practice)  Part Five: Prepare for a Test (Independent Practice)	"There is virtually universal agreement that scaffolding plays an essential and vital role in fostering comprehension." (Clark & Graves, 2005)
Shared Reading This is a reading activity where a teacher reads a story while students look at the text being read and follow along.	<ul> <li>Series:</li> <li>Book P has several activities where students read silently as the teacher reads orally.</li> <li>Book AA uses shared reading as one of its core teaching strategies.</li> </ul>	Routman (2000) lists several benefits of shared reading, especially for ELL students. Shared reading teaches multiple reading strategies; provides supportive context for reading; and helps children participate as readers. (p. 34)
Test-taking Practice Selected-response and constructed response test questions are often used on state and national standardised tests.	<ul> <li>SB:</li> <li>Books A–H, in each lesson, Part Five: Prepare for a Test</li> <li>Books A–H, Review and Final Reviews</li> </ul>	Supon (2004) cites that researchers have determined that "Students of all levels of academic achievement and intellectual abilities can be affected by test anxiety."
Text Interaction This is an active reading strategy students may use to visibly apply reading strategies to text.	TG: Books AA–H  • In each lesson, Part Two: Guided Instruction, Tip feature	"It is necessary to have simple, clear links between the real-world interactions, the main conceptual framework, and the knowledge goals being pursued." (Guthrie, Wigfield & Perencevich, 2004, p. 62)
Theme-based Instruction Theme-based instruction integrates instruction of language and concepts with real-world scenarios and with cross- curricular subjects, such as social studies, science and literature.	<ul> <li>SB:</li> <li>In each lesson, the reading passages have social studies, science or literary themes.</li> <li>TG:</li> <li>Books P–H, Introduction Books A–H, Genre Focus</li> <li>Books P–H, Connecting with Literature</li> </ul>	Bergeron, Wermuth and Rudenga (1996) summarised that "Themebased, integrated learning experiences engage young children in meaningful and functional literacy events, focus on real-life experiences by providing socially interactive settings, and provide an organizational framework for language acquisition."

# Summary



The STARS® Series is an instructional program that is solidly grounded in areas of reading research.

- Scaffolded strategy-based instruction serves as the organisational framework, while metacognitive strategies foster student selfmonitoring and self-assessment.
- The lessons are carefully planned and sequenced to promote individual understanding and application of reading strategies.
- Students build on their capacity to analyse, reason and communicate ideas effectively by applying specifi ed reading strategies in a variety of contexts.
- The STARS® Series is a comprehensive reading program designed to meet a broad spectrum of individual needs in the classroom.























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