

STAAR POWER PORTAL

Grade 4 Power Pack

Reading • Math • STAAR Prep

Study Cheat Sheets • Memory Tricks • Test Day Tips • Victory Certificate

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Reading Cheat Sheet

Key strategies to read smarter and answer with confidence.

Inference

- Use clues from the text + what you already know.
- Ask: What is the author hinting at but not directly saying?

Figurative Language

- Simile: compares using 'like' or 'as' (fast as a cheetah).
- Metaphor: says something IS something else (the classroom was a zoo).
- Personification: gives human traits to non-human things.

Author's Purpose

- Persuade: convince you to think or do something.
- Inform: teach you facts or explain how things work.
- Entertain: tell a fun or interesting story.

Answering Strategy

- Read the question FIRST, then the passage.
- Underline key words in the question.
- Go back to find proof — don't rely on memory.
- Eliminate answers that don't have text support.

Math Cheat Sheet

Key strategies to solve problems step by step.

Multi-Digit Multiplication

- Break numbers into parts: $23 \times 4 = (20 \times 4) + (3 \times 4) = 92$.
- Line up digits carefully. Check with estimation.

Fractions

- Equivalent fractions: multiply top and bottom by the same number.
- Compare fractions by finding a common denominator.
- Draw fraction bars or number lines to visualize.

Geometry

- Know angle types: right (90), acute (less), obtuse (more).
- Lines: parallel (never cross), perpendicular (cross at 90).
- Perimeter = add all sides. Area = length x width.

Problem-Solving Steps

- R.U.N.: Read the problem, Underline the target, Number sentence.
- Multi-step = do one part at a time.
- Always ask: does my answer make sense?

Memory Tricks

Quick-recall tools to use during study and on test day.

P.A.W. (Reading)

Passage • Answer choices • Why does the text prove it?

A fast way to slow down just enough to find proof before choosing.

R.U.N. (Math)

Read the problem • Underline the target • Number sentence

Turn the story into math. Then solve it.

Test Day Tips

Night Before

- Pack everything you need.
- Do a light review only — no heavy cramming.
- Get solid sleep. Rest wins over last-minute panic.

Morning Of

- Eat protein and drink water.
- Say: "I do one question at a time."
- Arrive calm, not rushed.

During the Test

- If a question feels hard, mark it and move on.
- Use your process, not panic.
- Come back to marked questions with fresh eyes.
- Show all work on math. Annotate while reading.

Mindset

- "I don't need every question to feel easy. I just need to keep thinking."
- Every question you try is progress.
- Trust the work you already put in.

VICTORY CERTIFICATE

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This certifies that the student completed brave,
focused study missions in the **Grade 4 Power Pack**.

Student Name: _____

Date: _____ Badges Earned: _____

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