

STAAR POWER PORTAL

Grade 6 Power Pack

Reading • Math • STAAR Prep

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

Brought to you by www.risestudiolabs.com

RISE Studio Labs • STAAR Power Portal

Reading Cheat Sheet

Key strategies to read smarter and answer with confidence.

Analysis

- How does the author use language to create effects?
- Short sentences = tension/speed. Long sentences = detail/calm.
- Word choice reveals tone: 'unfortunately' vs 'amazingly.'

Argument and Evidence

- Identify the author's claim (their main argument).
- Evaluate evidence: facts with sources are strongest.
- Watch for weak evidence: opinions, guesses, emotional appeals.

Figurative Language (Advanced)

- Hyperbole: extreme exaggeration for effect ('drowning in homework').
- Idiom: phrase that means something different ('break a leg' = good luck).
- Allusion: reference to a well-known story, person, or event.

Answering Strategy: C.L.A.I.M.

- State your Claim clearly.
- Link to text evidence.
- Analyze what the evidence shows.
- Infer deeper meaning.
- Summarize the Main point.

Math Cheat Sheet

Key strategies to solve problems step by step.

Ratios and Proportions

- A ratio compares two quantities (12:30 simplifies to 2:5).
- Set up ratios as fractions and cross-multiply to solve.
- Unit rate = amount per 1 unit (\$3.50 per pound).

Expressions and Equations

- Translate words to math: 'is' = equals, 'of' = multiply.
- Use inverse operations to solve equations.
- Always define your variable (let $n = \dots$).

Percentages

- Percent means 'per hundred.' $25\% = 25/100 = 1/4$.
- To find $X\%$ of a number: multiply by $X/100$.
- Percent increase/decrease: find the difference, divide by original.

Geometry

- Area of triangle = $1/2 \times \text{base} \times \text{height}$.
- Surface area = sum of all face areas.
- Absolute value = distance from zero (always positive).

Memory Tricks

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

C.L.A.I.M. (Reading)

Claim • Link to text • Analyze • Infer • Main point

For argumentative and analytical reading at the middle school level.

S.O.L.V.E. (Math)

Study the problem • Organize info • Line up a plan • Verify your work • Explain your answer

A step-by-step framework for complex math problems.

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

RISE Studio Labs • STAAR Power Portal

This certifies that the student completed brave,
focused study missions in the **Grade 6 Power Pack**.

Student Name: _____

Date: _____ Badges Earned: _____

Brought to you by www.risestudiolabs.com