



5TH GRADE MASTERY & STAAR® REVIEW



100% PASSING RATE GUARANTEE!*

**For full details visit summitk12.com/guarantee-information*

- Engaging Science TEKS Video Lessons
- Interactive Vocabulary Flashcards for all TEKS
- Including Content, Process, and Instructional Words
- STAAR® 2.0 Formative and Summative Assessments
- Includes all HB 3906 New Item Types
- Adaptive Personalized Learning Plans
- Rigorous 5-Step STAAR® Review Sequence



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RIGOROUS 5-STEP STAAR® REVIEW SEQUENCE

1 Teacher Led TEKS Lesson & Study Guide

2 STAAR® Assessment 1

3 TEKS Instructional Video

4 Vocabulary Review Interactive Flashcards

5 STAAR® Assessment 2



QUESTION 3

Look at the table below. Which substance is most likely to be salt? [5.3A]

Substance	Sweet?	Solid?	White Color?
A	Yes	Yes	Yes
B	Yes	No	Yes
C	No	No	Yes
D	No	Yes	Yes

Select one:

a. Substance C

b. Substance D

c. Substance A

d. Substance B

Testable Physical Properties

Solubility is the ability to dissolve.

When a raw egg is cooked, a new is formed.

PROPERTIES OF MATTER

substance

Spanish: sustancia

noun

A substance is a kind of matter with a certain set of properties.

QUESTION 4

The table shows the physical characteristics of a steel and wooden block.

Physical Characteristics	
Steel Block	Wooden Block
<ul style="list-style-type: none"> cube more dense insulates electricity magnetic 	<ul style="list-style-type: none"> cube less dense conducts electricity not magnetic

Which physical characteristics are not correctly listed? [5.2D]

Select one:

a. Steel Block-magnetic; Wooden block-not magnetic

b. Steel Block-cube; Wooden Block-cube

c. Steel Block-more dense; Wooden Block-less dense

d. Steel Block-insulates electricity; Wooden Block-conducts electricity

TEKS	Lesson Name	STAAR Assessment 1	TEKS Video	Study Guide	Vocabulary Review	STAAR Assessment 2	Lock/Unlock
Properties of Matter							
5.5A R	Physical Properties of Matter	71%	✓	82%	80%	88%	
4.5A	Measure, Compare, and Contrast Physical Properties	88%	✓	85%	83%	91%	
3.5A	Physical Properties of Matter	91%	✓	94%	90%	100%	
3.5C S	Heating and Cooling Cause Change	100%	✓	100%	100%	100%	

READINESS

Physical Properties of Matter

Measurable

Mass: The marbles have the same mass as the weights. The sand has more mass than the sugar.

Other measurable properties: Size, Temperature, Weight

Testable

Solubility: Sugar dissolves in water.

Conductivity: Copper is a conductor. Rubber is an insulator.

Magnetism: Magnetism is a force that pulls iron filings toward the magnet.

Relative Density: The density of water is greater than the density of oil, so oil floats on water.

Observable

Physical States of Matter: The particles in solids, liquids, and gases move differently.

Other observable properties: Color, Shape, Texture

conductor, magnetism, matter, relative density, insulator, mass, physical states, solubility

TEXAS-5th Grade

5.5A

SCAFFOLDS

Measure, Compare, and Contrast Physical Properties

Matter is anything that has mass and takes up space. Physical properties help you measure, compare, and contrast all matter.

can be measured

Mass: amount of matter in an object

Volume: amount of space something takes up

Temperature: amount of heat in an object

can be observed

States of Matter: solid, liquid, gas

can be tested

Magnetism: force that pulls or pushes objects through a distance

Sink or Float: sink - more dense than water; float - less dense than water

float, magnetism, mass, matter, physical property, sink, states of matter, temperature, volume

TEXAS-4th Grade

4.5A

SCAFFOLDS

Physical Properties of Matter

Matter is anything that has mass and takes up space. Physical properties can be used to measure or test an object's characteristics.

physical properties that can be measured

temperature: the amount of heat in an object

mass: the amount of matter in an object

physical properties that can be tested

magnetism: a force that attracts or repels other objects

sink or float: sink - more dense than water; float - less dense than water

float, magnetism, mass, matter, physical properties, sink, temperature

TEXAS-3rd Grade

3.5A

SUPPORTING

Heating and Cooling Cause Change

Melting My: add heat

Freezing Favorite: remove heat

Boiling Brother: add heat

Evaporation Eats: add heat

Condensation Chocolate: remove heat

Changing States of Matter

solid, melting, liquid, evaporating, condensing, freezing


boiling, condensation, evaporation, freezing, heat, melting, physical change

TEXAS-3rd Grade

3.5C

PERSONALIZED LEARNING PLANS

- Creates an adaptive, personalized learning plan for each student
- Starts review with Readiness Standards followed by Supporting Standards
- Students monitor their PLP progress promoting self-efficacy

Description	Practice Test	Lock/Unlock
5th Grade STAAR Practice Test	75%	

Personalized Learning Plan

TEKS	Description	Pre-test	Concept Review	Vocabulary Boosters	Post-test
5.8C	Earth's Rotation	54%	✓	80%	75%
5.7A2	Fossil Fuel Formation	60%	✓	85%	82%
5.6B	Flow of Electricity	61%	✓	100%	85%
5.9B	Energy Flow in Food Chains and Food Webs	49%	✓	84%	65%
 4.9B	Flow of Energy in Food Webs	83%	✓	100%	91%
5.7B	Changing Landforms	68%	✓	92%	88%
5.6C	Light – Reflection and Refraction	70%	✓	82%	91%
5.10A	Structures and Functions for Living and Survival	65%	✓	83%	89%
5.5A	Physical Properties of Matter	⌚ Start	▶	⌚ Start	⌚ Start
5.7A	Sedimentary Rock Formation	⌚ Start	▶	⌚ Start	⌚ Start
5.9A	Interacting with Living and Nonliving Components	⌚ Start	▶	⌚ Start	⌚ Start
5.10B	Inherited Traits vs. Learned Behaviors	⌚ Start	▶	⌚ Start	⌚ Start
5.6A	Uses of Energy	⌚ Start	▶	⌚ Start	⌚ Start
5.5B	Physical Properties and Mixtures	⌚ Start	▶	⌚ Start	⌚ Start
5.8A	Weather and Climate	⌚ Start	▶	⌚ Start	⌚ Start