


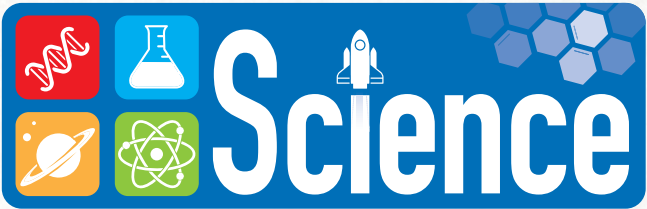
Personalized Learning Plan

- Creates an Adaptive, Personalized, Accelerated Learning Plan for each student
- Starts review with Readiness Standards followed by Supporting Standards

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

Accelerated 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%	86%
5.5A	Physical Properties of Matter	83%	✓	91%	⌚ 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
3.7B	Rapid Changes to Earth's Surface	⌚ Start	▶	⌚ Start	⌚ Start



Enabling Every Student to Reach Their Summit

3RD - 5TH GRADE MASTERY & STAAR® REVIEW



MEETS GRADE LEVEL



MASTERS GRADE LEVEL

- 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

School Domain 1 Science Score of 60% “A” Guaranteed



100% PASSING RATE GUARANTEE

RIGOROUS FIVE-STEP STAAR® REVIEW SEQUENCE

1 Teacher Led TEKS Lesson & Study Guide



2 STAAR® Assessment 1

Go to question # 1 2 3 4 5 6 7 8

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

3 TEKS Instructional Video/ Interactive Study Guide

Testable Physical Properties

Solubility is the ability to dissolve.

4 Vocabulary Review Interactive Flashcards

PROPERTIES OF MATTER

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

PROPERTIES OF MATTER

is the amount of matter in an object that can be measured with a triple-beam balance.

Compare and Contrast Physical Properties

TEKS 5.5A

Name: _____ Period: _____ Date: _____

CORE VOCABULARY

conduct	physical states	observable
insulate	relative density <td>volume</td>	volume
magnetism <td>solubility<td>thermal energy</td></td>	solubility <td>thermal energy</td>	thermal energy
mass <td>measurable<td>electric energy</td></td>	measurable <td>electric energy</td>	electric energy
	testable	

Write the Core Vocabulary word on the blank next to its definition.

- _____ The term that describes the ability of a substance to dissolve in water.
- _____ It is the ability to stop heat or electricity from passing through easily.
- _____ A term used to describe solid, liquid and gas.
- _____ The property that determines if an object will float or sink.
- _____ The property that describes the object's attraction to a magnet.
- _____ A material that easily allows for the flow of heat and electricity.

APPLY

Look for an object in the classroom and name its physical properties. Explain all the properties you can use to describe it, including mass, magnetic, relative density, state of matter, soluble, and ability to conduct or insulate thermal and electric energy. Find another object and compare its physical properties to the first object.

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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%	

5 STAAR® Assessment 2

Previous page 1 2 3 4 5 6 7 8 Next page

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">cubemore denseinsulates electricitymagnetic	<ul style="list-style-type: none">cubeless denseconducts electricitynot 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

READINESS
5.5A

Physical Properties of Matter

TEKS 5.5A

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

Conductor

insulator

magnetism

matter

relative density

physical states

solubility

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

VERTICALLY ALIGNED SCAFFOLDS
4.5A

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

3.5A

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

SUPPORTING
3.5C

Heating and Cooling Cause Change

TEKS 3.5C

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

boiling

condensation

evaporation

freezing

heat

melting

physical change

freezing

