The Unit Organizer

NAME _____

DATE _____

④ BIGGER PICTURE

moving particles of matter

② LAST UNIT /Experience
Unit 5.1: Heat & Temperature

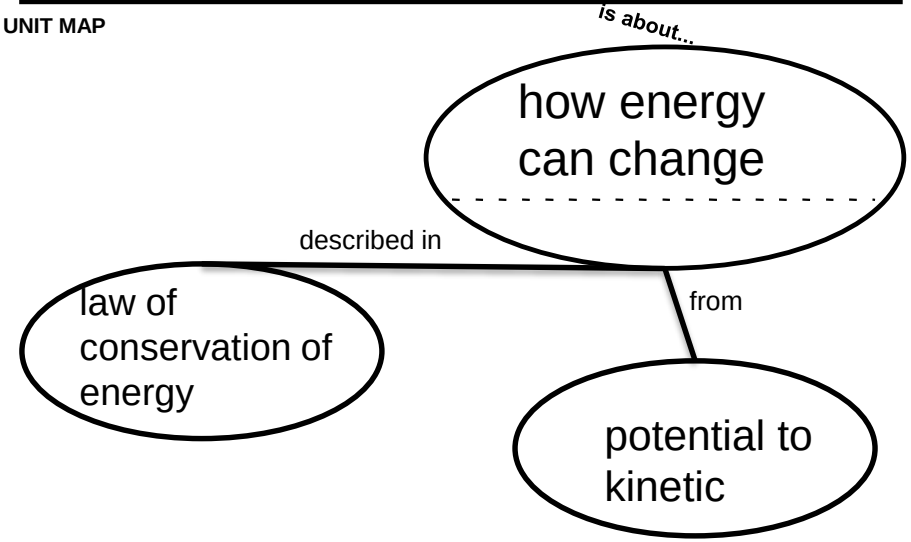
① CURRENT UNIT
Unit 5.2: Transfer & Conservation of Energy

③ NEXT UNIT /Experience
Unit 5.3: Convection, Conduction & Radiation

⑧ UNIT SCHEDULE

	Video
	Brainstorm
	KWL –
	Energy List
	Rube
	Goldberg
	Machine
	Video of
	RGM

⑤ UNIT MAP



UNIT SELF-TEST QUESTIONS ⑦

What principle understanding results from the law of conservation of energy?
How do energy transformations demonstrate the law of conservation of energy?
What evidence can be used to explain that energy cannot be created nor destroyed?
How does energy change when it moves?

⑥ UNIT RELATIONSHIPS

Identify
Cite evidence
Investigate
Describe
Give examples

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The Unit Organizer

Unit 5.2: Transfer & Conservation of Energy

NAME _____

DATE _____

⑨ Expanded Unit Map

is about...

how energy can change

described in

law of conservation of energy

which states

energy

cannot be

created

or

destroyed

can be

transformed

from

one form

to

another form

from

potential to kinetic

where

stored energy (potential)

changes to

moving energy (kinetic)

such as

a roller coaster

in

forms

like

mechanical

which is

the sum

of

potential

and

kinetic

thermal

nuclear

chemical

electrical

Light (electromagnetic)

sound

⑩ NEW UNIT SELF-TEST QUESTIONS

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