

Subject: Science

Grade: Grade 6

Subject teacher: Ms. Rachell Ann

Date: From February 17 to 21, 2019

What are students expected to know by the end of the week?

By the end of the week, the students are expected to demonstrate understanding of the following key concepts:

Matter exists in different physical states.

1. Solid, liquid, and gas are common states of matter.

- The state of a substance depends on the space between its particles and the way in which the particles move.
- A **solid** has particles that are close together. The particles are attached to one another and can vibrate in place, but they cannot move from place to place.
- A **liquid** has particles that are attracted to one another and are close together. The particles can slide over one another and move from one place to another.
- A **gas** has particles that are not close to one another and can move about freely.

2. Solids have a definite volume and shape.

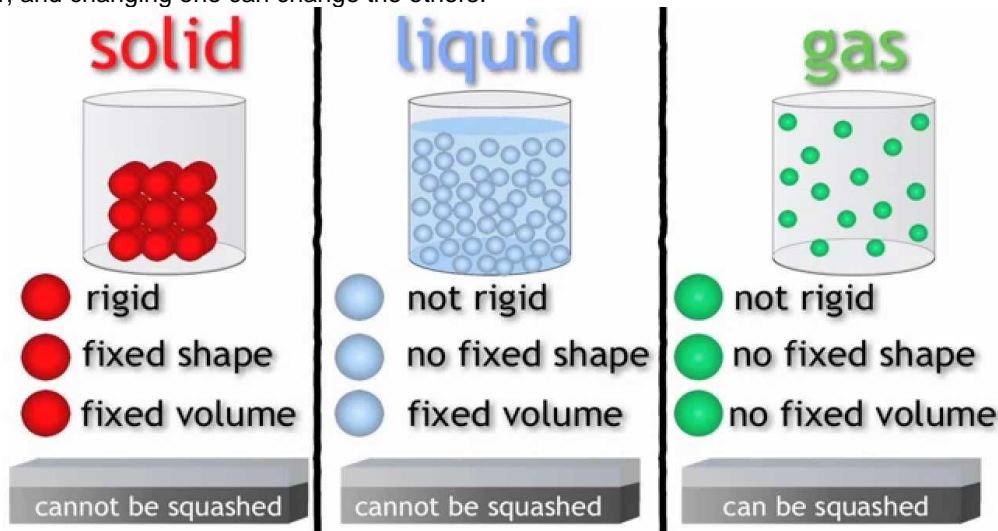
- A **solid** has a fixed volume and shape. The particles in some **solids** are in regular patterns and form crystals.

3. Liquids have a definite volume but no definite shape.

- A **liquid** has a definite volume because its particles are close enough together that they cannot move about freely, although they slide past each other. A **liquid** takes the shape of the container that it is in.

4. Gases have no definite volume or shape.

- A **gas** has no definite volume or shape. The volume, pressure, and temperature of a **gas** are related to one another, and changing one can change the others.



SCIENCE VOCABULARY WORDS: solid, liquid, gas, volume

Resources needed during instruction.

During our class discussion, worksheets, group activities with the use of differentiation will be used as teaching methodology to cater the needs of the students. The use of multimedia (educational videos and power point presentations) is important tool in teaching and learning process.

Laptop is needed for achieve3000 (electronic book)



Homework and Projects to accomplish

Answer think-review- apply on Unit 9: Matter and Energy, Chapter 1: Introduction to Matter, Lesson 4: States of Matter

How can parents help their children to practice the learning task at home?

Parents are encouraged to take part in reviewing the concepts at home. The use of flashcards and picture is a big help. In addition, parents are requested to remind their child to accomplish their homework.