



Science Virtual Learning

# Middle School NES Science

April 10, 2020



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Lesson: April 10, 2020

**Objective/Learning Target:**

Students will identify the states of matter and categorize objects into one of the three primary states.

Quick Review

## What is matter?

**Matter** is anything that has  and takes up .

# Click on the picture, and read page 11.

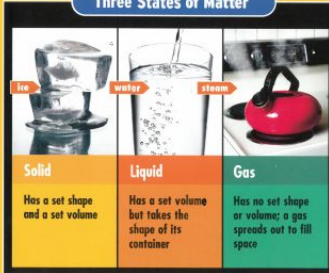
## Read in English

### States of Matter

State is another property of matter. A state is a form of matter. Solid, liquid, and gas are three states of matter. Solids have a set shape and volume. Volume is the amount of space something takes up. Ice is a solid. Liquids have a set volume but not a set shape. Water is a liquid. Gases do not have a set shape or volume. Steam is a gas. State is a property that tells about an object's shape and volume.

**state** - a form of matter, such as solid, liquid, or gas  
**volume** - the amount of space something takes up

### Three States of Matter



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## Read in Spanish

### Estados de la materia

El estado es otra propiedad de la materia. Un estado es una forma de la materia. Sólido, líquido y gaseoso son tres estados de la materia. Los sólidos tienen forma y volumen fijos. El volumen es la cantidad de espacio que ocupa un cuerpo. El hielo es un sólido. Los líquidos tienen volumen fijo, pero pueden cambiar de forma. El agua es un líquido. Los gases no tienen forma ni volumen fijos. El vapor es un gas. El estado es una propiedad que habla de la forma y el volumen de un objeto.

**estado** - una forma de la materia, como sólido, líquido y gaseoso  
**volumen** - el espacio que ocupa un cuerpo

### Tres estados de la materia



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## What are the states of matter? - Add to Notes



**Solid** - fixed volume, fixed shape



**Liquid** - fixed volume, changeable shape



**Gas** - changeable volume, changeable shape

Copy the table, and categorize the objects into the correct column.

carrot	door	lemonade	nitrogen	vinegar	oil	
beans	oxygen	shirt	milk	pencil	steam	rain

<b>Solid</b>	<b>Liquid</b>	<b>Gas</b>

# Solid, liquid, or gas? - Answers

carrot	door	lemonade	nitrogen	vinegar	oil	
beans	oxygen	shirt	milk	pencil	steam	rain

Solid	Liquid	Gas
carrot door beans shirt pencil	lemonade vinegar oil milk rain	nitrogen oxygen steam

More Practice

Solid, Liquid, or Gas?