

## Lesson 2: What is Solubility?

### Brain Building Broadcast: Solubility Debate

#### Purpose

Watch the video located at any one of the following addresses:

<http://goo.gl/3Fmcea>

<http://vimeo.com/105058743>

<https://www.youtube.com/watch?v=BQb8mper7gl&feature=youtu.be>

Watch the video carefully and be sure that you understand the lesson. Re-watch any part of the video that is unclear to you. After watching the video carefully, answer the following questions:

#### Word Wall Words

The substance being dissolved is the \_\_\_\_\_.

The liquid substance dissolving another substance to make a solution is the \_\_\_\_\_.

A mixture in which a solute's particles are evenly spread out through the solvent's particles is a

\_\_\_\_\_.

#### Questions

1. Select ALL of the following statements if they are correct:

- a. Salt is soluble.
- b. Salt is soluble in water.
- c. Salt is a solute.
- d. Salt is a solvent.
- e. Water is a solute.
- f. Water is a solvent.

2. Which statement best describes what happens to salt when you put it in water?

- a. The salt disappears and is no longer present.
- b. The salt molecules break apart and go in between the water molecules.
- c. The salt becomes concentrated on the bottom of the water.
- d. The salt floats on top of the water.

#### Your Progress:

- Mastery
- Proficient
- Developing
- Beginning

