

## Lesson 1: What are Substances and Mixtures?

### Brain Building Broadcast: Substances and Mixtures

#### Purpose

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



<http://goo.gl/VPJ2x>

<http://vimeo.com/48413115>

<http://www.youtube.com/watch?v=wgyqz9pp0j0&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

A \_\_\_\_\_ is made of 1 type of matter all the way through.

A \_\_\_\_\_ is made of more than 1 type of substance and the combination of the substances can be different.

#### Questions

1. Select **ALL** the following that are examples of a mixture:

- a. Air
- b. Sand
- c. White Chalk
- d. Polka-Dot Chalk

2. Why was the polka-dot chalk not appropriate for the lesson that Mr. Bingaman and Mrs. Ostrowski wanted to teach?

- a. It was an example of a substance- it was the same material all the way through. They needed an example of a mixture.
- b. It was an example of a mixture- it was made of more than 1 substance (chalk and dye particles). They needed an example of a substance.
- c. It was an example of a mixture- it was the same material all the way through. They needed an example of a mixture.
- d. It was an example of a substance- it was made of more than 1 substance (chalk and dye particles). They needed an example of a substance.

#### Your Progress:

- Mastery
- Proficient
- Developing
- Beginning