

## Lesson 6: Can You Spin Straw Into Gold?

### Brain Building Broadcast: Rumpelstiltskin

#### Purpose

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

<http://goo.gl/AwIX5>

<http://vimeo.com/51228400>

<http://www.youtube.com/watch?v=48Mfg5VNxTs&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:

#### Questions

1. In the story, what does the king command the miller's daughter to do?

- a. To mix straw and gold
- b. To spin straw into gold
- c. To sell straw for gold
- d. To burn straw to melt gold

2. How can the miller's daughter confirm the straw and gold are different substances?

- a. Examining the shape of the straw and gold.
- b. Comparing the properties of the straw and gold.
- c. By comparing if the volume of the straw and gold are different.
- d. All of the above.

3. The particles that make straw are carbon (C), oxygen (O), and hydrogen (H). The particles that make gold are gold (Au). **Can you actually make straw into gold? Why or why not?**

4. In real life, what do you think you need to make gold?



#### Your Progress:

- Mastery
- Proficient
- Developing
- Beginning