# Vocabulary

mystery science

## Lesson: Could you transform something worthless into gold?

| | |
|---|---|
| **alchemist** | a name for people in the past who studied the combination of chemicals |
| **dissolve** | when one substance mixes with another and it looks like it disappears, such as when sugar mixes into tea |
| **evidence** | information that can be used to support or reject an idea |
| **experiment** | a test used to discover new information about a question |
| **liquid** | a state of matter, such as water when you can pour it |
| **matter** | anything that takes up space and has weight; can be in different forms such as solid, liquid, or gas |
| **mixture** | a combination of two or more things |
| **particle** | a very tiny thing, too small to be seen |
| **solution** | a special kind of mixture where you cannot tell the different parts from each other |
| **states of matter** | different forms of matter that include solid, liquid, and gas |