

Lesson: Could you transform something worthless into gold?

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| 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, sometimes 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 |