Vocabulary

mystery science

Lesson: Why do some things explode?

chemical reaction (chemical change)	a process where two or more substances mix to form a new substance with different properties
control	something in an experiment that you do not change
evidence	information that can be used to support or reject an idea
explosion	when something bursts outwards
fair test	an experiment where everything is kept exactly the same in each setup, except for one thing
gas	a state of matter that spreads out to completely fill a space
investigation	a process used to figure out the answer to a question or to understand how something works
liquid	a state of matter that takes the shape of its container
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
property	something you can observe about an object or material
solid	a state of matter that holds its shape
states of matter	the different forms of matter that include solid, liquid, and gas
substance	a material that has specific properties
trials	repeated tests in an experiment
variable	something that you can change in an experiment in order to test an idea