

## Lesson: Why do some things explode?

---

<b>carbon dioxide</b>	a type of gas that plants sometimes take in and that animals release when they breathe
<b>chemical reaction</b>	a process where one or more substances form a new substance
<b>experiment</b>	a test used to discover new information about a question
<b>explosion</b>	when something bursts outwards
<b>gas</b>	a state of matter, such as water when it is steam
<b>liquid</b>	a state of matter, such as water when you can pour it
<b>model</b>	a pretend version of something that scientists use when the real thing is too big, small, or complicated to work with
<b>oxygen</b>	a type of gas that animals use to breathe and that plants release
<b>particle</b>	a very tiny thing, sometimes too small to be seen
<b>states of matter</b>	different forms of matter that include solid, liquid, and gas
<b>substance</b>	a material that has specific properties