

Name _____
Date _____
Class _____

Kaboom!

1. How did scientists record the data from their research on explosives?
2. What is required for an explosion?
 - a.
 - b.
 - c.
3. What were the Chinese looking for when they discovered gun powder?

What ingredients did they use?

4. What stores the energy released in a chemical explosion?
5. What did Roger Bacon do to try to keep Western Europe from learning about "black powder"?

What controlled the power of his explosions?

6. If the solids in gunpowder burn and form hot gases as they burn, hypothesize why they must be in a confined space for an explosion to occur?
7. What makes nitroglycerin the explosive of choice for large explosions?
8. Who was Alfred Nobel?

Questions on Nova video Kaboom, designed for use with a substitute.