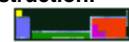


Revised August 2006



The World of Chemistry Video Series #6



The Atom

1. What was the nationality of the philosopher Democritus?
2. How much bigger is the electron cloud in an atom than the nucleus?
3. What does STM stand for?
4. Who discovered the existence of the nucleus?
5. What element did he use to generate the stream of positive particles?
6. Whose ideas were the basis of modern atomic theory?
7. Which orbital is spherical in shape?
8. The lack of which element in their diet was the cause of heart problems in China?
9. What feature of the flame in a flame test relates to the amount of element present?
10. What is the lowest energy state of an electron called?