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| --- | --- | --- | --- |
| 1) | 3) | 5) | 7) |
| 2) | 4) | 6) | 8) |

List the 8 discoveries talked about in the movie:100 Greatest Discoveries – Chemistry portion

1. What were the four elements that ancient Greeks believed to exist?

2. Describe Joseph Priestley’s early experiments with gasses.

3. What was Antoine Louvoisier’s contribution to chemistry and our knowledge of oxygen?

4. What theory was proposed by John Dalton and why was it important?

5. Why was Voller’s discovery important to our knowledge of chemistry?

6. How did August Kekule’s discovery about carbon change the science of chemistry?

7. How many elements were featured in Mendeleev’s first periodic table?

8. What two new elements were discovered using Bunsen and Kierkoff’s spectroscope?

9. How did Joseph Thomson discover electrons?

10. Lewis’ atomic model proposed that electrons were arranged around the nucleus in what?

11. What did Henri Becerel’s experiment prove conclusively?

12. What are the benefits of radioactivity?

13. List 3 different things you use each day that are made of plastic.

14. Carbon Fiber is believed to be how many time stronger than steel?

15. How do you think nanotechnology will change our world?