**The Mystery of Matter – Episode 1 – Out of Thin Air**

1. What element did Brandt “stumble upon”?

2. What four elements did the Greeks think the world was made of?

3. What type of air did Joseph Black discover?

4. How many new gases did Priestly discover?

5. What was the name given to the essence of fire?

6. What is the name given to the mystery air?

7. What two gases are mixed together to create air?

8. Fire is not an element, what is it?

9. How many “elements” did Lavoisier’s list include?

10. What was the gas that made Davy dance around the room?

11. What did Volta create?

12. What was the new element that Davy discovered when he broke down Potash?

13. What element did Davy discover from Caustic Soda (Lye)?

14. What is one of the keys to solving the mystery of matter?