

**THE MECHANICAL UNIVERSE**  
**Video 30 - Capacitance and Potential**

**Name:** \_\_\_\_\_  
**Class:** \_\_\_\_\_

1. What did the Leyden jar store?
2. What individual feat were early electricians very proud of?
3. Who was the first person to publish on electric theory and electric force?
4. Describe Franklin's view of electric fluid:
5. What invention made Franklin rich?
6. In what country was Franklin deeply admired?
7. Why was Franklin called a Doctor?
8. What do we now see the electric atmosphere as?
9. What is special about the electric potential inside a metal?
10. Define capacitance:
11. What did Franklin use to draw electricity from the sky?
12. What was the first capacitor?
13. Why was the lightning rod such an important invention?