**Energy & Power Systems**

NAME \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

DATE \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**A Brief History of Electrical Discovery PPT**

**DISCOVERY**

**TIMELINE**

**6th – 8th Century B.C.**

Ancient \_\_\_\_\_\_\_\_\_\_\_\_ - more than \_\_\_\_\_\_\_\_\_ thousand years ago

 \*Discovered rubbing \_\_\_\_\_\_\_\_\_\_\_\_ on \_\_\_\_\_\_\_\_\_\_\_\_\_\_

 caused an \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ between the two items

 \*This was actually \_\_\_\_\_\_\_\_\_\_\_\_\_ electricity

\_\_\_\_\_ Century there we many discoveries such as:

**17th Century B.C.**

 \*Early \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ generator this would be similar

 to today’s Van De Graff Generator

 \*Differentiation between \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_ currents

 \* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of materials as \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 \*electricity travels easily through \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and

 does not easily flow through \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**1600**

William \_\_\_\_\_\_\_\_\_\_\_\_\_\_ coined the term \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ from the

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ word \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 \*This term identified the force that certain \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 exert when \_\_\_\_\_\_\_\_\_\_\_\_ against each other

**1752**

Ben \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Flying kite \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ during a thunderstorm

 \*led to the \_\_\_\_\_\_\_\_\_\_\_\_\_\_that \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ were somehow related

 Ben \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ continued

**1752**

 \*\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ scientists believe that being hit by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 would have been fatal

 \*Franklin was actually \_\_\_\_\_\_\_\_\_\_\_\_\_ away from the path of the \_\_\_\_\_\_\_\_\_\_\_\_\_\_

 \*Lightning experiment led to the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Alessandro \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**1800**

 \*in vented the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 which is also known as a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 \*This was the first \_\_\_\_\_\_\_\_\_\_\_\_ to produce steady electric \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 \*The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ works by having alternating layers

 of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ plates and \_\_\_\_\_\_\_\_\_\_\_ plates with a layer of

 \_\_\_\_\_\_\_\_\_\_\_\_\_ paper between the metal plates.

 \*The blotting \_\_\_\_\_\_\_\_\_\_\_\_\_ acted as an \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ because it

 Was soaked in \_\_\_\_\_\_\_\_\_\_ water

 \*The \_\_\_\_\_\_\_\_\_\_\_ can be measured at the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ends

 \*This invention is similar to a modern day car \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 \*Volta also created the first \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 by linking positively -\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_-charged connectors

 and driving an \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ charge or \_\_\_\_\_\_\_\_\_\_\_\_\_\_ through them

**1831**

In \_\_\_\_\_\_\_\_\_\_\_\_\_ electricity became \_\_\_\_\_\_\_\_\_\_\_\_\_ for use in technology

 \*Michael \_\_\_\_\_\_\_\_\_\_\_\_\_\_ created the electric \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 \*This is an early version of a modern day power \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 \*An example of this is a portable \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or a

 cranked rechargeable \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**1879**

In \_\_\_\_\_\_\_\_\_\_\_ Thomas \_\_\_\_\_\_\_\_\_\_\_\_ invented the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_