**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 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_