KEY

SPARKS AND SHOCKS

1. Electrical experiments were first conducted in earnest in the
2. William Gilbert, an Englishman, was the first scientist to investigate electricity and magnetism.
3. The word electron comes from the Greek word for amber (NEKTPOV)
4. In the 18th Century, 3 important experimentors of electricity and their contributions were: Hauksbee - electrostatic general of the conductivity
6. Today we refer to the 2 types of charges as positive and negative.
7. Unlike charges 4T/recT each other, and like charges each other.
8. A pinwheel rotates because the tiny points are repelled by the charged air molecules.
9. The first plate machine, similar to what's in our classroom, was first invented around
10. A spark-generating machine built in 1784 by John Cuthbertson was used to test lightning rods, with the result that ship lightning rods were changed from
sparks. 13. Early devices used to measure electrical charge were called <u>electrometer</u>