Top 10 Most Beautiful Physics Experiments

1. Young’s Double Slit experiment applied to electrons
   - Matter can behave as a light wave
2. Galileo’s Gravity Experiments
3. Milikan’s Oil Drop
   - Charge quantized
4. Sunlight, a prism, and a rainbow – Newton
   - White light is made up of lots of colors
5. Young’s Two Slit Interference
   - Wave nature of light
6. Torsion-bar Experiment – Cavendish
   - Shows all objects exert gravitational force
7. Eratosthenes’ Measurement of the Earth’s Circumference
   - Geometry, angle of sun, shadows.
8. Galileo’s Rolling Balls & Inclined plane
   - Gravity accelerates as t²
9. Rutherford’s Gold Foil Scattering
   - Nucleus model of an atom
10. Foucault’s Pendulum
    - Earth rotates on an axis
    - Just outside A102!