

Top 10 Most Beautiful Physics Experiments

- 123 1. Young's Double Slit experiment applied to electrons
 - Matter can behave as a light wave
2. Galileo's Gravity Experiments
- 121 3. Milikan's Oil Drop
 - Charge quantized
- 122 4. Sunlight, a prism, and a rainbow – Newton
 - White light is made up of lots of colors
- 123 5. Young's Two Slit Interference
 - Wave nature of light
- 121 6. Torsion-bar Experiment – Cavendish
 - Shows all objects exert gravitational force
7. Eratosthenes' Measurement of the Earth's Circumference
 - Geometry, angle of sun, shadows.
- 121 8. Galileo's Rolling Balls & Inclined plane
 - Gravity accelerates as t^2
- 123 9. Rutherford's Gold Foil Scattering
 - Nucleus model of an atom
- 121 10. Foucault's Pendulum
 - Earth rotates on an axis
 - Just outside A102!