Physics: CINEMA CLASSICS DVD 2

Mechanics (II) and Heat

Projectile Motion
Vertical & Horizontal Motion (PSSC, 1961)
Horizontal Ballistics (PSSC, 1961)
Ballistics (PSSC, 1961)
Ping Pong Ball Model (PSSC, 1960)
Air Table and Shotputter (Ealing, 1968)
Airplane and Flare (PP, 1968)
Snowmobile and Flare (PP, 1968)

Circular Motion
Vectors (PSSC, 1960)
Dry Ice Puck (PSSC, 1960)
Hammer Throw (EBEC, 1970)
Ball and Merry-Go-Round (VA, 1989)
Loop-the-Loop (VA, 1989)
Acceleration of Air Table Puck and Automobile
(Ealing, 1969)
Forces on Air Table Puck and Model Airplane
(Ealing, 1969)
Carnival Ride (PF, 1963)
Dry Ice Puck on Turntable (PSSC, 1960)

Periodic Motion
Large Pendulums (PSSC, 1958)
Glider on Curved Air Track (Ealing, 1965)
Sand Pendulums (ESS, 1963)
People on Swings
(PSSC, 1960; EBBC, 1970; VA, 1989)
Ball on Spring (PSSC, 1960)
Pucks on an Air Table (Ealing, 1968)
Simple Harmonic Motion (PSSC, 1960)

Planetary Motion
Solar System Model (VA, 1989)
Retrograde Motion (PP, 1968)
Phases of the Moon (VA, 1989)
Tilt of the Earth (VA, 1989)
A Moon of Jupiter (PP, 1968)
Foucault Pendulum (PSSC, 1960)
Cavendish Experiment (PSSC, 1960; Ealing, 1968)

Heat and Temperature
Friction (EBEC, 1974)
Transfer of Heat (EBEC, 1974)
Thermal Expansion (EBEC, 1968)

Gas Laws
Boyle's Law (PSSC, 1962; Ealing, 1967)
Charles' Law (PSSC, 1962)
Pressure and Temperature (PSSC, 1959)

Source Codes
Ealing Ealing Films
EBEC Encyclopaedia Britannica Educational Corp.
ESS Elementary Science Study films
MH McGraw-Hill Inc.
NA Newton's Apple television series
NAP North American Philips Corporation
PF Phoenix Films and Video, Inc.
PP Project Physics films
PSSC Physical Science Study Committee films
VA Visual Almanac, Apple Computer, Inc.

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