

# Physics: CINEMA CLASSICS

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**PHYSICS**views™

## 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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