

# Physics: CINEMA CLASSICS

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**PHYSICS**views™

## Physics: CINEMA CLASSICS DVD 1 Mechanics (I)

### Time and Place

Measuring Short Distances (PSSC, 1959)  
High Speed Photography (PSSC, 1958)  
Drops and Splashes (Ealing, 1969)  
Bullet and Egg (VA, 1989)  
Relative Position: Who's Upside Down? (PSSC, 1960)  
Relative Motion: Who's Moving? (PSSC, 1960)  
Relative Motion: Carts on a Table (PP, 1968)

### Uniform Motion

Dry Ice Puck (PSSC, 1959)  
Air Table Puck and Automobile (Ealing, 1969)

### Accelerated Motion

Air Track Glider (Ealing, 1965)  
Dry Ice Puck (PSSC, 1960)  
Air Table Puck and Motorcycle (Ealing, 1969)  
An Accelerating Automobile (PSSC, 1960)  
An Automobile Trip (PSSC, 1960)  
Analyzing a Hurdle Race (PP, 1968)  
Motion in an Accelerating Frame (PSSC, 1960)

### Free Fall

Free Fall Ride (VA, 1989)  
Falling Bowling Ball - 1 (PP, 1968)  
Falling Bowling Ball - 2 (PP, 1968)  
Falling "Down Under" in Australia (EBEC, 1970)  
Falling Scale Model Bridge (PSSC, 1959)  
Falling Ball (PSSC, 1959)  
Falling Ball on Moving Cart (PSSC, 1960)  
Ball Falling from Ship Mast (PP, 1968)

### Vectors

Adding Collinear Velocities (PSSC, 1960)  
Dry Ice Puck (PSSC, 1959)  
Cart Trip (Ealing, 1967)  
Boat and River (PP, 1968)

### Forces

Tug of War (EBEC, 1970)  
Ice Skater (PSSC, 1959)  
Deflecting Forces (PSSC, 1960)  
Strength-to-Weight (PSSC, 1959)

### Newton's Laws

Newton's First Law: Air Track (Ealing, 1965)  
Table Cloth (VA, 1989)  
One Force - Two Forces (PSSC, 1959)  
One Mass - Two Masses (PSSC, 1959)  
Newton's Second Law: Air Track (Ealing, 1965)  
Up and Down in an Elevator (PF, 1963)  
Newton's Third Law: Air Track (Ealing, 1965)  
Fire Extinguisher (NA, 1990)

### 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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