



**Angry Birds** – Projectile motion, acceleration, force, and many more fun physics principles tested with this series of games.

**Coaster Physics** – Build and ride your own roller coaster. See real-time potential and kinetic energy, speed and acceleration, and the g-forces felt during the ride.

**Convert Units for Free** – Feet to meters, miles per hour to kilometers per hour? Convert many units with this application.

**Flashcards+** – Build your own flashcards or use premade decks to keep on top of your physics game.

**Footsteps – Pedometer Free** – Use this to measure your own velocity or get velocity of rides using distance per unit time.

**IBPhysics Definitions** – Test your physics definitions using the innovative flashcard style application.

**Roller Coaster RushFREE**– Use the accelerometer to gain speed, get points, and master each level.

**Paper Toss** – Throwing paper into the trash has never been so fun especially with a blowing fan and other obstacles.

**SPARKvue**– Acceleration data application. Measure and log each x, y, or z axis individually or all three at the same time.

**Tone Generator** – Produce a wide range of tones for fun or to test the hearing of those around.

**Vernier Video Physics (\$4.99)** – Real-time video analysis of motion. Plot and chart the positions as well as determine the velocity.



**Angry Birds** – Projectile motion, acceleration, force, and many more fun physics principles tested with this series of games.

**Angular Velocity** – Up for a challenge? Try this app to test your physics reasoning abilities. Tilt the phone to control gravity and to swing your way through each level.

**Sound Meter** – Walk around Lagoon and determine the loudest locations. Displays waveform and frequency spectrum.

**Cardio Trainer** – Use this to measure your own velocity or get velocity of rides using distance per unit time.

**Unit Converter – ConvertPad** – Feet to meters, miles per hour to kilometers per hour? Convert many units with this application.

**Flash Cards** – Build your own flashcards or use premade decks to keep on top of your physics game.

**Grav-O-Meter** – Measures real-time acceleration felt and logs the maximum.

**Instant Heart Rate** – What is your heart rate before and after the ride? Test it out to see!

**Paper Toss** – Throwing paper into the trash has never been so fun especially with a blowing fan and other obstacles.

**Smart Measure** – Use the built in camera to measure the distance and height of objects.

**Surveyor** – Use the built in camera to measure the distance of objects.

**True Tone** – Produce a wide range of tones. Test this out with the Audalyzer application to see what cool designs can be generated.