

- Acoustics during collisions : What factors influence the intensity of a sound released during the collision of the ball with a plane?
- Comparing the motion between a single suspended pendulum and a V-shaped pendulum.
- Descent paths of parachutes.
- Determination of the coefficient of static friction of different surfaces and the effect of temperature on the coefficient of static friction.
- Factors affecting the accuracy of non-computed blood splatter analysis using the area of origin stringing method.
- How does the height of people affect the best throwing angle to obtain the longest range?
- How does the velocity of delivery affect the swing of a cricket ball?
- How does the wavelength of artificial light relate to the output power of a solar cell?
- How to increase the torque produced by flat bladed windmills .
- Investigating the effects of temperature on the terminal velocity of a sphere travelling through viscous glycerol and its effects on the viscosity of the glycerol.
- Projectile motion.
- The investigation of the frequencies and intensities of the different modes of vibration of the string .
- The role of viscous drag on the kinematics of a falling body .
- The use of diffraction for measuring sizes and thickness of small objects without using magnification .

- What effects do total 'Mass' of the plane and 'Incline of the wings' have on the duration of projectfile filght of a model plane, which operates using the Wing In Ground effect?

