

LAB: Coefficient of Friction

The Challenge:

Design a lab to determine the coefficient of friction of wood on wood to within 10% error.

Your lab must include:

- Acceleration in the experimental procedure
- An angle in the experimental procedure

Possible Materials

- Inclined plane
- Friction blocks
- Pulley cord
- Smart Pulley
- Stopwatch
- Meter stick
- Slotted or hanging weights
- Sparkvue cars, tracks