



Inclined Plane

ACTIVITY GUIDE

Cat. No. INPL01

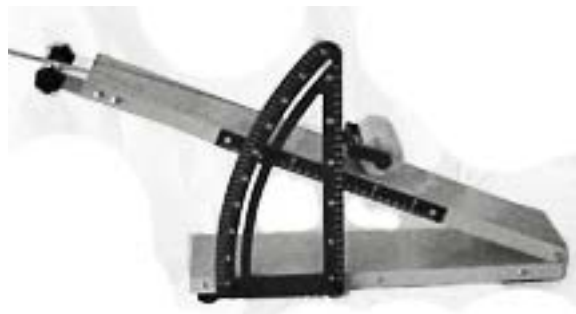
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Assembly Instructions

Place the hinged inclined plane on a flat surface. Slide the protractor over the pegs on the base of the inclined plane.



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Open the plane to the desired angle.



Insert the pulley rod through the slotted rod attached to the plane.

Cut three strings, approx. 30cm long. Holding the ends of the three strings together, tie a loop. Then tie one end of each string to the weight pan. Be sure to keep the strings equal in length so the weight pan remains level when hooked to the pulley.

Cut another string approx. 50cm long. Make a loop in one end and tie the unlooped end to the roller bracket. Thread the string over the pulley. To fasten the weight pan to the roller, insert an s-hook into the roller and weight pan loops. *Note:* There has to be sufficient weight placed in the weight pan to counterbalance the roller; otherwise the roller will fall off the plane.

Never touch the plane with your hand when conducting experiments; body oils can cause slick spots. Clean the plane with a mild detergent after each experiment.