Low-Cost Experiments in STEM Education



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2-penny Physics. Linear momentum conservation in 2D

With 2 coins, a box, a ruler and some paper the entire class can experiment and discover the conservation of linear momentum in a 2D collision.

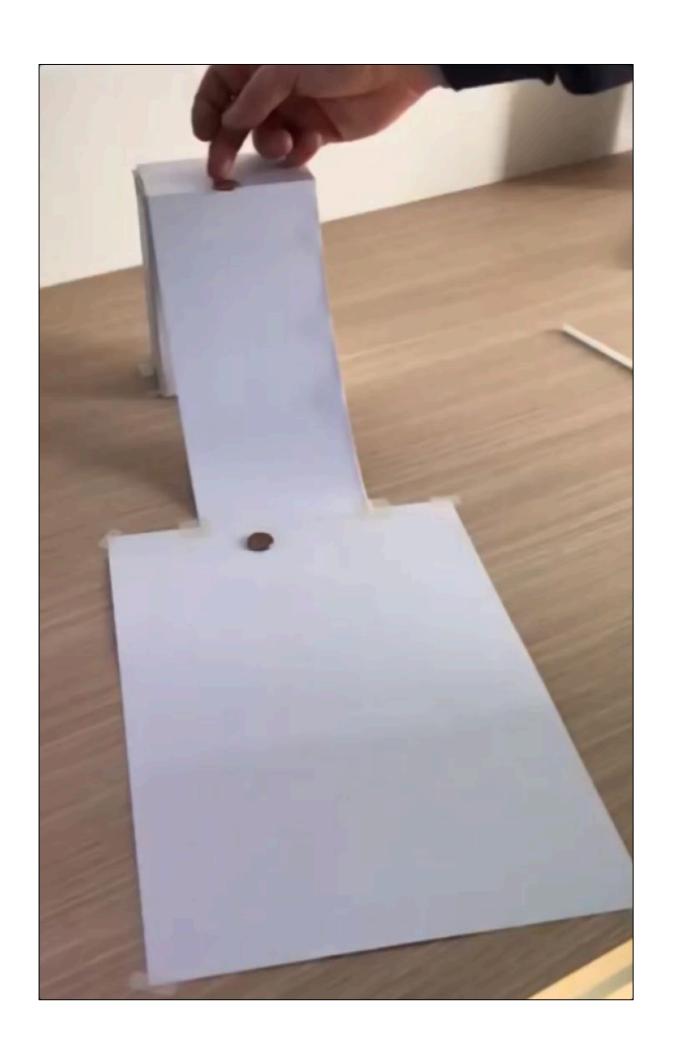
The apparatus is also useful to introduce the physics of particle interactions and key concepts in particle physics such as transferred momentum, force carrier and spatial scales of interaction.



Paper Am. J. Phys.



Step by step tutorial





Video of a collision



Learn and discover from what you see and experience