

If the shoe fits: Overview

Summary

Shoes are one of the most important objects in our lives. There's a variety of different types, such as shoes for different sports, shoes for schools and work, and just about anything that we need. Typically, we never really think about what the shoes do for us, but they help with providing little or no friction to the surfaces we walk on. In this investigation, students will investigate different types of shoes on different types of surfaces to see how they'll vary, how they increase or decrease the frictional forces and find out what these differences mean.

Curriculum Outcomes: Victorian Curriculum F-10

Levels 7 and 8

- Energy appears in different forms including movement (kinetic energy), heat, light, chemical energy and potential energy; devices can change energy from one form to another (VCSSU104)

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