

Friction

(Put the correct words into the spaces, then copy the whole passage in your best handwriting, underlining the inserted words. Then complete the word-search below))

Friction is a that acts between two surfaces.

It is also known as grip or It is because of friction that a moving object eventually slows down and

Smooth or shiny surfaces have less friction and are more slippery to walk on, like or polished floorboards. Rough and bumpy surfaces have more friction.

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When there is a lot of friction between moving parts, some is converted into heat. This is why you rub your hands together when they are cold.

You can test friction in lots of ways.

You could test the of different shoes in your class by walking quickly across a flat surface. Who has the best grip on their shoes, and why?

ice	force	stops	energy	resistance	grip
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