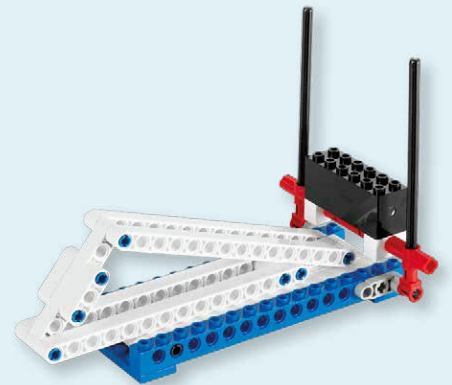


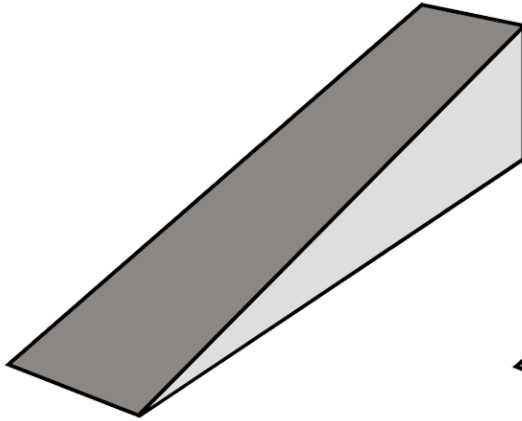
Wedge

Student Worksheet

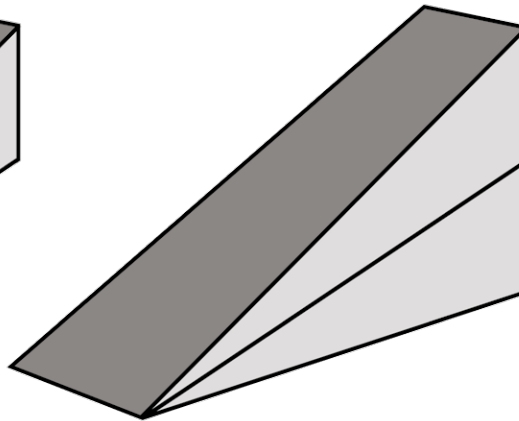


Simple Machines: Wedge

A wedge is a modification of the inclined plane. Unlike an inclined plane a wedge can move.



Single wedge



Double wedge

A wedge can have a single or two sloping surfaces. The effort you need depends on the relationship between the length and width of the wedge and consequently the sloping surface.

Common examples of wedges include axes, knives and doorstops.



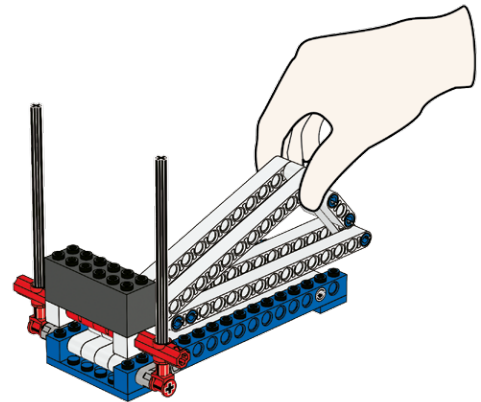
Did you know?

Wedges are used to split granite!

A simple device called a wedge and feather can split huge granite blocks.

E1**Build E1 book II, page 16 to 25**

Push the wedge under the load. Describe what happens.

**E2**

Turn the wedge around and then push the wedge under the load again. Describe what happens and compare with the model above.

