



The Magic Lock



The problem

Jack wants to keep his secret treasure locked away in a box. But he knows Jill can undo almost any lock and she is always so curious and wants to know his secrets!

Can you design a secret way to 'lock' a box that does not use a key?

Design brief

Design and make a box:

- with a secret or hidden lock or catch
- that can be 'locked' and 'unlocked' in a very simple way

1. Make a sketch of the idea you designed and made.

2. Label the three most important parts, explaining how they work.

3. Suggest three improvements.

Need help?
Look at:



Principle Models Building Instructions booklet for levers