



EPPro8 Challenge

Engineer Problem Solve Innovate

Burglar Alarm – Teacher’s Notes

Summary

Teams will build a spring-loaded contraption that will make a loud noise. This will then be triggered by ropes, trip wires and laser beams.

Principles

Pulleys, Energy, Mechanics, Electronics.

Extra Equipment

Pot (for hitting to make a loud noise)

Rubber bands (size 64)

String (any grade)

Scissors

A painting or artwork, mounted on card

What to Aim For

See the “Getting the Most from your Equipment” document for guidelines on what to aim for from these challenges.

Our Solution

