



# ***EPPro8 Challenge***

*Engineer Problem Solve Innovate*

## **Party Popper – Teacher’s Notes**

### **Summary**

Teams will construct a contraption that will be used to trigger multiple party poppers. They will use pulleys to change the direction of a rope so that party poppers can be triggered in multiple directions.

### **Principles**

Pulleys, Structures, Problem solving, Electronics.

### **Extra Equipment**

20 Party Poppers.

### **What to Aim For**

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

**Ensure the party poppers are not pointed into anyone’s face.**

### **Our Solution**

