

# MINI GARDEN ZIP LINE STEM CHALLENGE

## You'll need

String/rope  
Pipe cleaners  
Small toy figure  
Timer



## Instructions

Tie the string or rope between two points, one higher than the other.

Use the pipe cleaner to create a simple harness for the toy figure. Time how long the toy takes to travel down the zip line.

Experiment with different types of string or rope and by changing the incline of the zip line.

**REMEMBER - only change one variable at time**

## Extension Ideas

Build two zip lines and have a race!

Experiment with different types of harness. One idea is to thread a straw through the string and attach the figure to that.

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Adult supervision required. You are responsible for your own safety.

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