**Make a zip wire for your toys!**

**Which toy goes the quickest?**

**Why?**

**WHAT YOU NEED TO MAKE A TOY ZIP LINE**

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**Teddies or small play figures**

**String, wire or wool**

**Pipe cleaners and straws**

**Timer**

**INSTRUCTIONS**

1. Think of any science variables-Type of zip wire, incline of zip wire, weight of toy, type of harness
2. To test one variable, all other variables must remain constant. eg to test whether the weight of the toy makes a difference. The type of wire, incline and harness ***must stay exactly the same.***
3. Set up your zip wire and construct your harness.
4. Test each toy and time how long each one takes to travel down the zip wire
5. Which toy moved the quickest? What is the reason for this?