



QUARRY PRE-VISIT LESSON ACTIVITY SHEET 2

NAME:

ZIP WIRE DESIGNERS

Can you help the toy get down the zip wire?

What do you think will be the best material for its harness
to allow the toy to travel as fast as possible?

Discuss which material you think would be best and why with your partner.

MY PREDICTION:

I think the best material will be because

.....

Use what you
know about
friction to
help you.

**DRAW YOUR DESIGN AND ANNOTATE IT. IF YOU ARE FEELING CLEVER,
YOU COULD SHOW THE FORCES USING ARROWS. THEN – TEST IT OUT!**

Think carefully about
how to fix the toy to
your harness...