



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...