

QUARRY PRE-VISIT LESSON ACTIVITY SHEET 1

FORCES PICTURE CARDS



This person is travelling downhill. Which forces are acting against the movement? Why aren't they slipping downhill?



This truck is moving downhill. Which forces are acting against the truck?



Which force is making the people move downwards? Which forces are acting against them?



Look at the Quarry Truck's huge wheels. How do they help it to move up and down the steep slopes?



Which force is pulling the people downwards? Which forces are acting against them?



The closest two riders have an extra piece of material on their zip wires – why do you think this might be?