More Numeracy Lesson Starters

Someone walks to school, which of the following is most likely to be the distance from their home to school?

a) 10m   b) 400m   c) 4km   d) 10km   e) 100km

Someone else catches a train to school. Which of the following is most likely to be the distance from their home to school?

a) 10yds   b) 400yds   c) 4 miles   d) 10 miles   e) 100miles   (1m = 1.09yds)

If you walk 1 mile, which of the following times is it most likely to take you?

a) 1 minute   b) 5 minutes   c) 20 minutes   d) 2 hours   e) all day

At what speed would you be walking if it took 15 minutes to walk 1 mile?

If someone can cycle 12 miles an hour:
a) how far can they cycle in 20 minutes?
b) how long will it take them to cycle 9 miles?

Usually there are around 50 cars dropping children off each day at Steps School. During School Walking Week more children walk to Steps School and the number of cars dropping children off is reduced by 20%. How many fewer cars are there on the road outside school?

Listen carefully to these three journeys to school. Can you work out how long each journey took? Can you work out what time each person arrived at school?
You can make notes if you wish, but remember to listen very carefully!
" Tina, Sam and Raji all live on the same street and they go to the same school. They all leave their houses at quarter past eight and this is how they get to school:
- Tina walks to school every day with her dad, they walk to the end of the road (2 mins), go across the park on the path (6 mins), wait to cross at the pelican crossing on the main road (2 mins), walk through the estate, using lots of short cuts to the school (4 mins), they cross the road with Mr. Daily, the school crossing patrol (2 mins) and go into school.
- Raji cycles to school with his big brother. They ride to the end of the road (1 min), turn into the park and go along the cycle path (4 mins), at the main road they turn left to the toucan crossing where they wait for the green bike to come on (3 mins). They then travel on the shared pavement all the way through the estate to the school gate (2 mins), they walk across the playground to the bike park, lock their bikes and go into school (3 mins).
- Sam travels in the car with his mum. They get into the car and put on their seatbelts (2 mins) they drive to the end of the road and then turn right to go round the park (8 mins) they stop at the traffic lights to let people cross the road (2 mins) and then go through the housing estate (3 mins), they can't get near the school to park, so they stop a short distance away and walk the rest of the way (4 mins)"