# Lesson 12 - Calculating speed using distance-time graphs 

Physics-KS3
Forces and Motion

Mrs Wolstenholme

## Constant speed



Constant speed
At rest
Accelerating


Time

Constant speed
At rest
Accelerating






Time (s)


Time (s)


Time (s)

Speed
$=$ Distance travelled $\div$ time


Time (s)

Speed
$=$ Distance travelled $\div$ time


Time (s)

Speed

$$
=\quad \text { Distance travelled } \div \quad \text { time }
$$



Time (s)

Speed $\quad=$ Distance travelled $\div$ time


Time (s)

Speed $\quad=$ Distance travelled $\div$ time


Time (s)

Speed $\quad=$ Distance travelled $\div$ time


Time (s)

Speed $\quad=$ Distance travelled $\div$ time


Time (s)


Time (s)

Speed $=$ Distance travelled $\div$ time


Time (s)

Speed $\quad=$ Distance travelled $\div$ time


Time (s)

Distance travelled $\div$ time


Time (s)



Time (min)



Time (min)


Time (h)



Time (hours)


