

Lesson insert

Overview

An activity using myworldofwork.co.uk to link the study of Mathematics and the topic of journey distance and time to possible careers.

Objectives

As part of a wider lesson, this lesson insert intends to:

- Encourage pupils to research careers related to Mathematics
- Highlight the importance of journey distance and time in a variety of careers

My World of Work activity (20mins)

- Hand out the job research sheet
- Ask pupils to complete the first part of the worksheet and tick the careers where they think journey distance and time are important
- Arrange pupils in groups of two or three
- Ask pupils to go to myworldofwork.co.uk
- Then go to [my career options](#) and click on the tab 'I have a career in mind'
- Ask them to research the jobs they have ticked and consider whether or not journey distance and time is important
- Ask them to complete the remainder of the job research sheet and note down evidence from their research

Connect the learning (in the wider lesson)

- Discuss the jobs researched and the evidence of where journey distance and time might be used
- Discuss why journey distance and time is important in business, for example:
 - Cost of fuel and implications of carbon footprint
 - Late delivery – cost of penalties, loss of reputation and loss of future business from customers.
 - Safety of employees making deliveries – long journey times, or wrong estimates of time putting employees under pressure

Review and reflect (5mins)

- Ask pupils to reflect on the jobs covered and if they may be interested in following one of these careers
- If any pupils are interested, encourage them to carry out a more in-depth investigation of this career

Numeracy and Mathematics

Number, money and measure

Journey distance and time

Resources

- Computers or tablets with internet access
- Job research sheet

My World of Work links

Job profiles

[Airline pilot](#)

[Air traffic controller](#)

[Courier](#)

[Delivery van driver](#)

[Emergency call handler](#)

[Postal delivery worker](#)

[Removals worker](#)

[Train driver](#)

Curriculum links

Suitable for S1 to S3 pupils studying:

Numeracy and Mathematics - BGE

Experiences and outcomes

MNU 3-10a: Using simple time periods I can work out how long a journey will take, the speed travelled at or distance covered, using my knowledge of the link between time, speed and distance.

Career Education Standard (3-18)

Supports entitlements set out in the [Career Education Standard](#) for young people to:

- Experience a curriculum through which they learn about the world of work and job possibilities and which makes clear the [strengths](#) and [skills](#) needed to take advantage of these opportunities
- Know where to find information and access support making effective use of online sources such as [My World of Work](#)
- Develop [Career Management Skills](#) as an integral part of their curriculum

Job research

Careers linked to: Numeracy and Mathematics

Below is a selection of careers linked to the study of Mathematics. In the table below, tick the roles where you think journey distance and time are important:

Postal delivery worker	Courier	Car rental agent	Air traffic controller
Removals worker	Shopkeeper	Airline pilot	Hotel manager
Zoologist	Vehicle spray painter	Train driver	Emergency call handler
Catering manager	Delivery van driver	Embalmer	Carpenter

Log in to the computer and go to myworldofwork.co.uk then go to [my career options](#) to find out about the jobs you have ticked above. Complete the following:

Careers where journey distance and time is important	I know this because.....