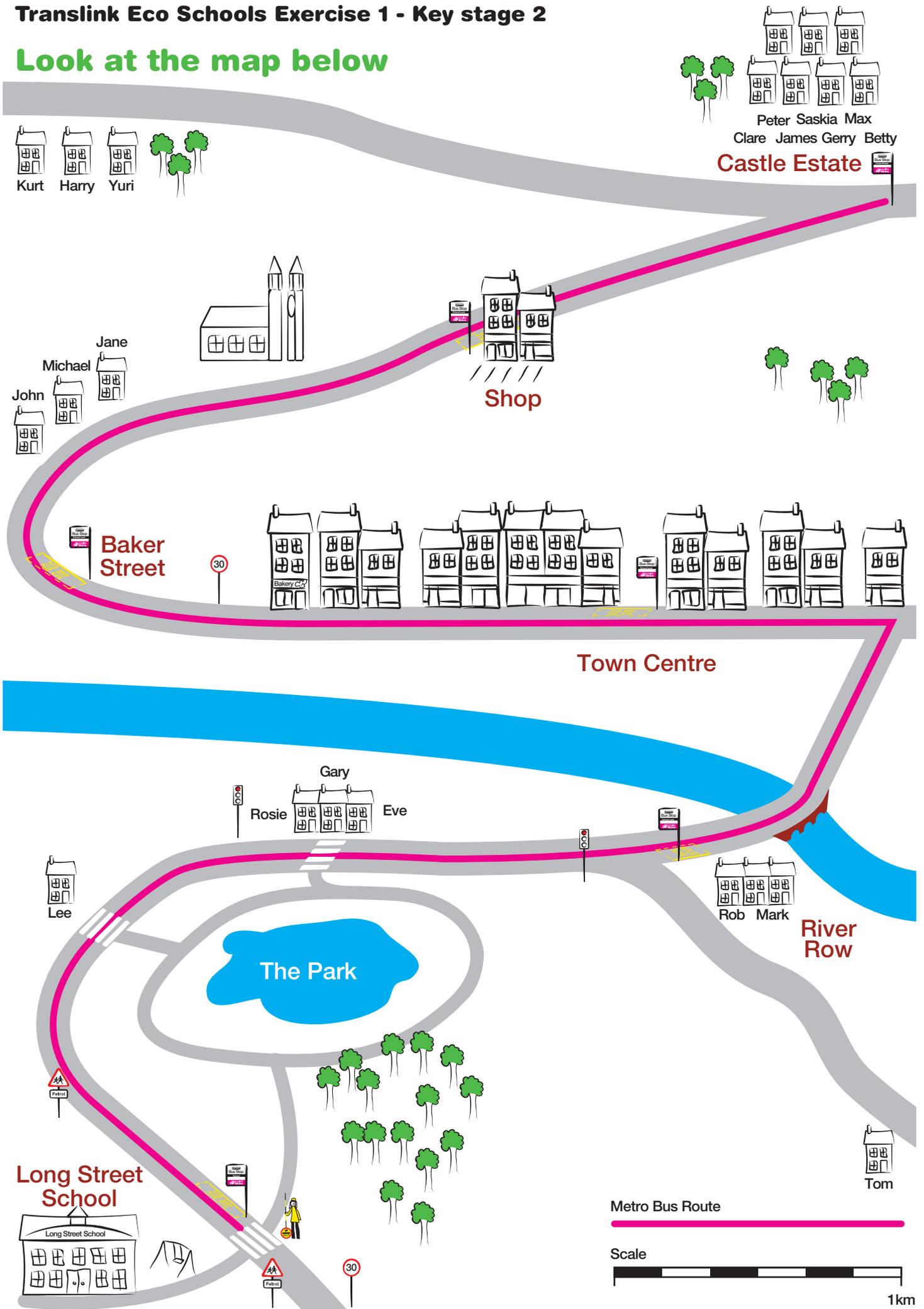


# Translink Eco Schools Exercise 1 - Key stage 2

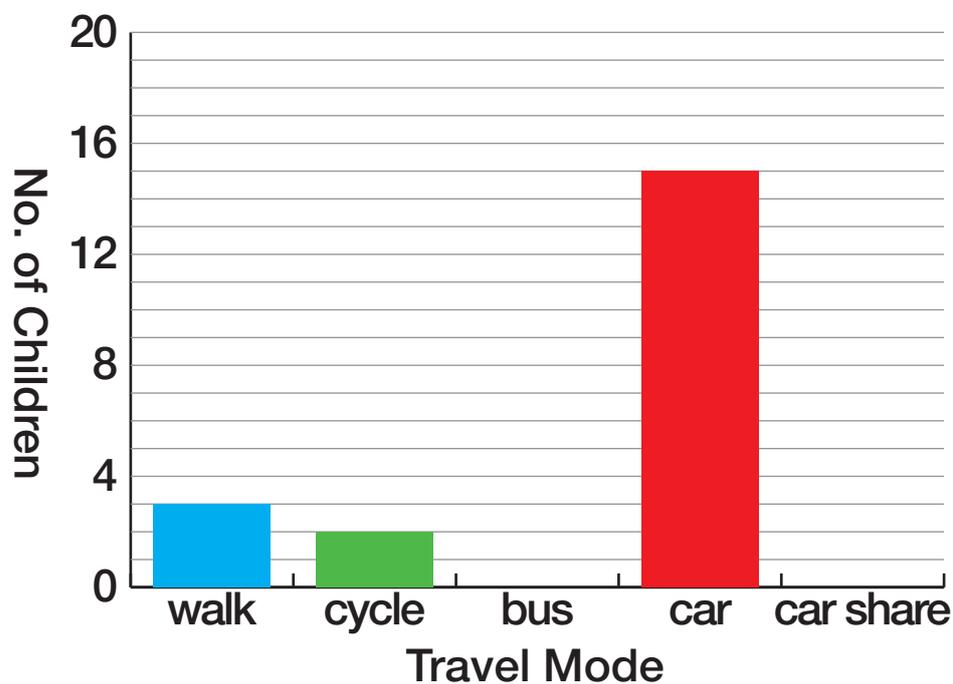
## Look at the map below



## Translink Eco Schools Exercise 1 - Key stage 2

**There are 20 children in the class who live in different places across the town of Bloomfield.**

The bar chart below shows the ways in which the children currently get to school.

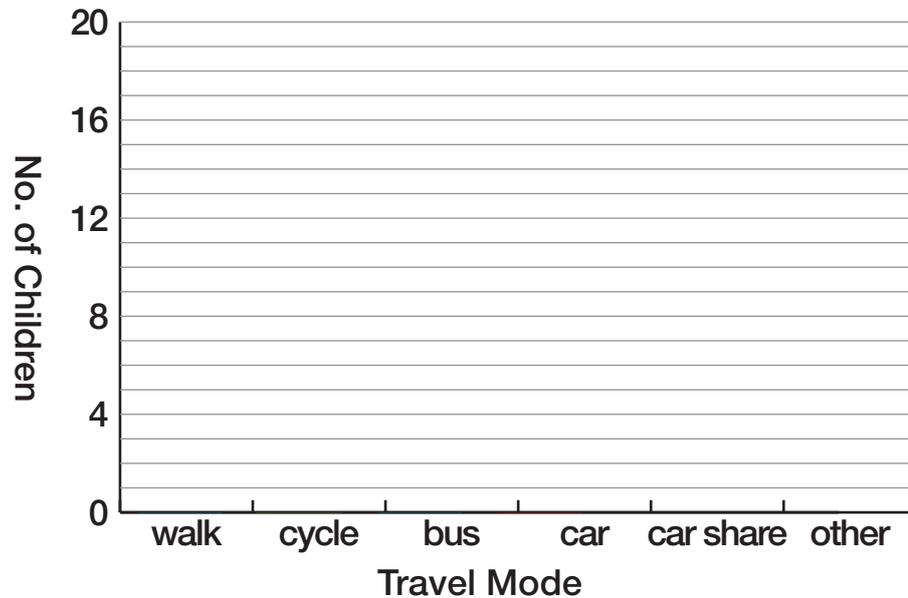
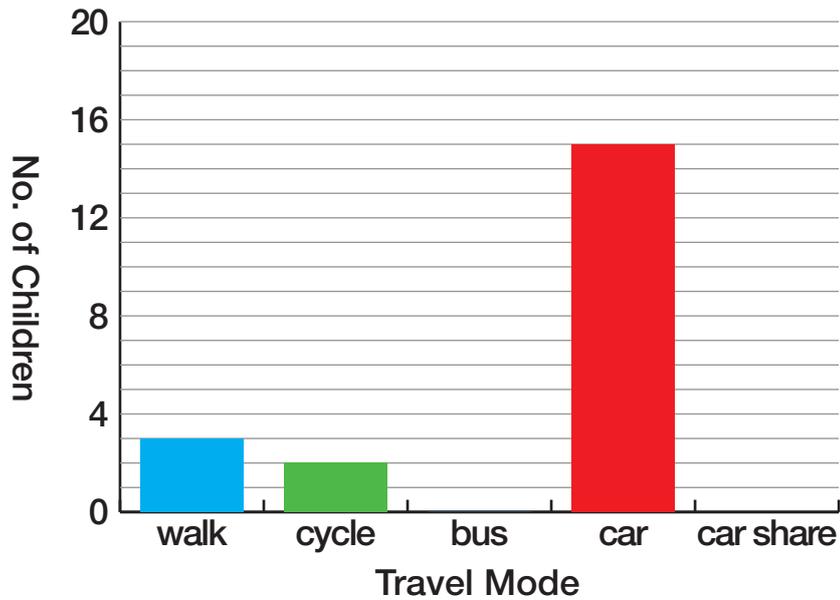


Can you think of ways the children in the class could reduce their impact on the environment when travelling to school?



## Translink Eco Schools Exercise 1 - Key stage 2

Draw a new bar graph showing the new travel routine of pupils in Mrs Smith's class if they use your new transport suggestions.



**Explain your ideas.**

Ways the children in the class could reduce their impact  
on the environment when travelling to school.



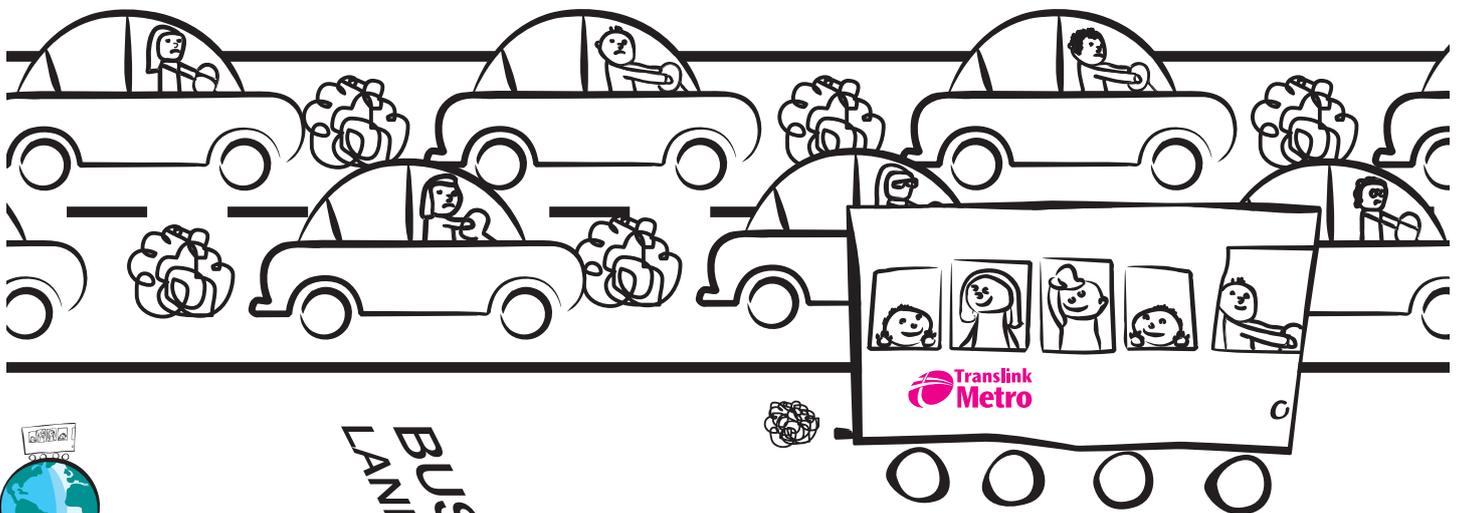
**Translink Eco Schools Exercise 2 - Key stage 2**

**Look at the timetable below for the bus from Castle Estate to Long Street School.**

**Bus Timetable**

Location	Time
Castle Estate	8.16
Shop	8.22
Baker Street	8.30
Town Centre	8.38
River Row	8.46
School	9.00

- If Jane gets on the bus at the Baker Street stop, how long does it take her to reach the school?  
.....
- Peter gets on at Castle Estate and saves a seat for his friend Rob who gets on at River Row. How long does Peter sit on his own before the bus arrives at Rob's stop?  
.....
- It takes Michael 1 hour to travel from Baker Street to school by car. John covers the same distance in 30 minutes by bus. Why do you think this is? (Consider the image below.)  
.....



## Translink Eco Schools Exercise 3 - Key stage 2

**Translink runs bus and train services for passengers across Northern Ireland. Visit the Translink website.**



- **Click [www.translink.co.uk](http://www.translink.co.uk). You will find lots of information about bus and train travel. Find out journey times for travel from where you live to other places in Northern Ireland.**

From ..... to .....

by ..... takes ..... (hours/minutes)

From ..... to .....

by ..... takes ..... (hours/minutes)

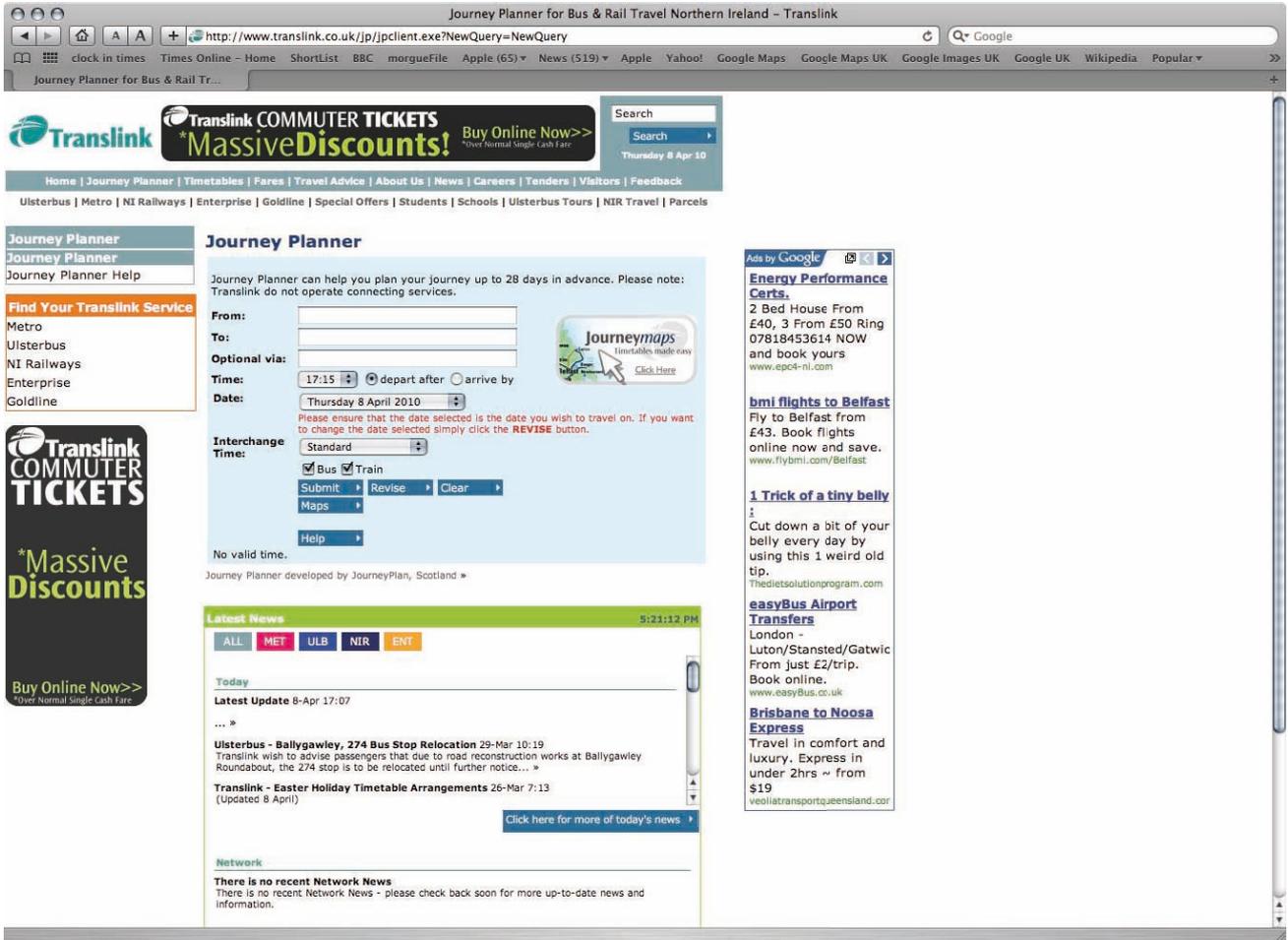
From ..... to .....

by ..... takes ..... (hours/minutes)



# Translink Eco Schools Exercise 3 - Key stage 2

Use the Journey Planner to find out the travel times for the following journeys.



From **Belfast Central Station** to **Bangor** by **train**  
(Choose today's date and select a time for departure)

.....

From **Europa Buscentre** to **Larne** by **bus**  
(Choose today's date and select a time for departure)

.....

From **Newry** to **Lisburn** by **bus**  
(Choose today's date and select a time for departure)

.....

From **Coleraine** to **Ballymena** by **train**  
(Choose today's date and select a time for departure)

.....

Find out journey times for places near you.

.....

.....

.....

.....

.....



## Translink Eco Schools Exercise 4 - Key stage 2

There are different ways to pay a bus or train fare for travel. You can pay with cash, special travelcards or even buy some tickets online.

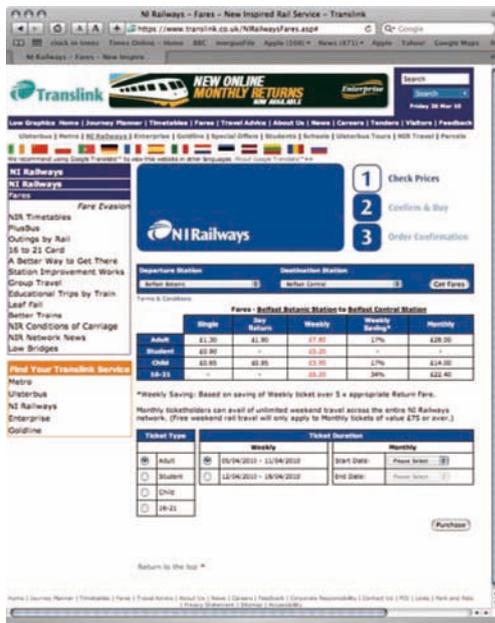
Look at the examples of types of payment below.



Cash



Paper Ticket



Online



Travel Cards



John owns a bakery and is trying to decide the cheapest way to get to and from work everyday. Write each cost in the spaces provided.

5 return journeys by bus every week = 10 journeys.  
With cash each journey is £1.60  
Total cost for 1 week's travel paying by cash =

\_\_\_\_\_

5 return journeys by bus every week = 10 journeys.  
With Translink Smartcard each journey is £1.10  
Total cost for 1 week's travel paying by Smartcard =

\_\_\_\_\_

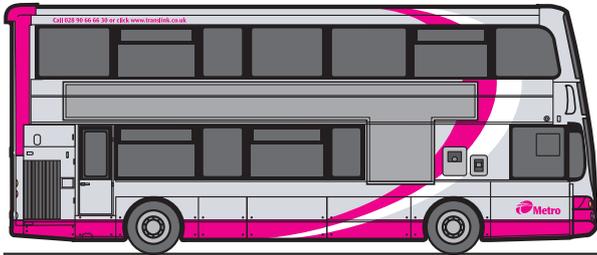
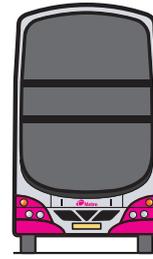
- Which is the cheapest way for John to pay for his travel to work?  
.....
- How much money can John save each week by using this way of paying?  
.....



# Translink Eco Schools Exercise 5 - Key stage 2

## Design your own school bus.

Think about the inside and outside.  
Think about safety.  
Be as creative as you like.



A large dashed-line rectangular area intended for drawing a custom school bus design.



## Translink Eco Schools Exercise 6 - Key stage 2

# Think about what you could do to reduce your class carbon footprint when travelling to school.

Who could you talk or write to for help with reducing your footprint?

Think about people you need to persuade for change to happen

e.g. parents, transport providers, politicians.

What could you do to persuade them?

e.g. write letters, visit them, ask them to visit your school, make a video, prepare a drama or song.

### Useful Websites to Visit

[www.translink.co.uk/translinkecoschoolschallenge](http://www.translink.co.uk/translinkecoschoolschallenge)

[www.eco-schoolsni.org](http://www.eco-schoolsni.org)

[www.uitp.org](http://www.uitp.org)

[www.travelwiseni.co.uk](http://www.travelwiseni.co.uk)

[www.energysavingtrust.org.uk](http://www.energysavingtrust.org.uk)

Write down your ideas below.

