

Translink Travel Challenge Road Safety Sign Worksheet

Subject

Design, graphics

Objective

The objective of the lesson is to deepen pupils understanding of traffic road signs that they will encounter whilst walking or cycling. The Pupils should use the internet to research the meaning of the road signs rather than guessing. Using their design skills, the pupils re-design a sign of their choice to making it more appealing to a young child.

Outcome

The pupils will have a greater understanding of the signs they will encounter during the Translink Travel Challenge, making them safer and more aware in their environment. They will put their knowledge and design skills into practice by re-branding an existing sign so that it is more appealing to children. Through class discussion, pupils can understand the importance of being aware in their environment if they want to make positive changes to their lifestyle through using different modes of transport.

What to do

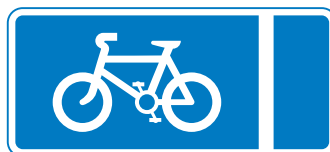
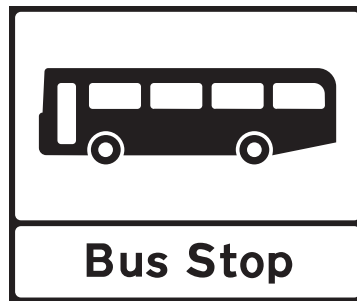
In the Classroom

1. Start a discussion about pupils' knowledge of road signs, followed by a questions and answers session.
2. Talk the pupils through the task and ask them to use the internet to research the meaning of the signs rather than guessing, this will allow the pupils to think more carefully about their answer.
3. Pupils should then discuss their answers and discuss whether they thought the signs conveyed their message well.
4. Teacher led discussion about the re-design of road signs, show exemplar work.
5. Pupils begin to design their own road sign; they can create whatever they like but must remember it is geared towards pedestrians and cyclists rather than car users. They can use computers or hand drawing skills to complete the task.
6. Pupils are encouraged to be as creative as possible when using their design skills.
7. When complete pupils should be given an opportunity to see each other's designs and take part in a teacher led discussion about elements which have been successful.



Translink Travel Challenge Worksheet

Using the internet begin to research images of road signs. Using investigation skills discover what each of these signs mean. Write your answer under each sign and write where you think you might see each one.



Here are some examples of road signs that have been made to look appealing to children. Use these examples to help you come up with your own ideas.



Translink Transport Audit Lesson Plan

Subject

Maths/Science/Geography KS3

Objective

The objective of the lesson is to conduct an audit of traffic patterns in the surrounding area of the school at different times during the day. The Pupils should make their own hypothesis on what modes of transport they will see the most of and whether this has an impact on the traffic. At the end of the audit the pupils should see if a pattern or trend emerges from the findings and discuss in teacher led class discussion.

Outcome

The pupils will have a greater understanding of the traffic habits in the area around their school. They will understand how to collect and process traffic data and have a deeper knowledge of how congestion and traffic problems happen. Through class discussion, pupils can understand through initiatives like the Translink Travel Challenge they can make positive changes to their lifestyle.

What to do

In the Classroom

1. Start a discussion about how pupils travel to school, followed by a questions and answers session.
2. Ask the pupils whether they think heavily congested traffic is a good or bad thing; ask them to think of practical solutions they can put into place to change things for the better.
3. The Pupils should make note of their own hypothesis on what modes of transport they will see most frequently and whether this has an impact on the traffic.

In the Field

4. Pupils will conduct a survey of traffic habits in small groups of 4-5 surrounding the school. Pupils should observe the traffic from various vantage points inside school, or if accompanied by adults outside of school grounds.
5. Pupils create a tally chart of all the modes of transport they noticed, using resource sheet provided.
6. The audit should take place at various times of day from the same places each time; this will help to create a controlled audit.
7. Ideally this audit should take place at least three separate times throughout the week so the results can be examined in more detail.

Results

8. A teacher led demonstration should take place showing pupils how to create data on a graph or chart.
9. Pupils will then recap on their initial hypothesis before collecting their data and plotting their findings on a graph.
10. In their groups pupils should then present their findings to the rest of the class and discuss whether they think initial hypothesis was correct and the reasons behind that.
11. Finally pupils will summarise with positives and negatives they discovered from their traffic audit and with how they think that using shared public transport or commuting on foot or bike could help.
12. This would be a good opportunity to introduce the Translink Travel Challenge.



Translink Travel Challenge Tally Sheet

