



Traffic Trouble!

AN ASL TWINS PROJECT PLAN

General Overview

This TWINS project gives students the chance to study the traffic in their own country and to compare the similarities and differences between the traffic in the country of their TWIN School. This project can be linked to the global dimension theme of sustainable development when you consider the effects of pollution such as the carbon footprint from some vehicles.

Method

- The TWINS Coordinators of both schools agree to share this project and set a deadline for its completion.
- As a class, the students discuss their school location and how they all travel to school. What types of roads are located close by? What is the volume of traffic on them? What is the speed limit and are there any traffic calming methods installed? Discuss the types of vehicles and modes of transport? Which are kinder to the environment?
- A group of students conduct a survey by recording how many vehicles and vehicle types use the road over a given period of time; Lorries, vans, buses, cars, 3 wheelers, motorbikes, bicycles, bullock carts etc.
- Additional data can be recorded by other groups of students for example; how many people are travelling in each car? What percentage of the cars are SUV's, hatchbacks or SMART cars? How many vehicles are there in each of the student's families?
- What can be done to limit the impact of traffic on the environment? Is there anything the children themselves can do to help?
- The students should create pie charts and graphs to show their findings and illustrate their work with pictures or drawings to create an informative project book to be exchanged with their TWINS school.
- The students should consider their TWINS school. Do they think their findings will be very different from their own?
- After receiving the project from your TWIN school discuss the similarities and differences. Were the children's expectations accurate? Were there any surprises?

What will the students learn?

- Observation
- Team work
- Maths – pie charts and graphs
- More about their own locality and a good understanding of environmental issues relating to traffic pollution.
- The locality of their TWINS school and how they are affected by the traffic on their roads.

Summary

This TWINS project is a great way for students to study the transport in their area and to link it to the environment in a fun and interesting way. By sharing their findings with their TWINS school they will be able to see the similarities and differences between traffic in 2 very different countries. This project can be linked to the global dimension theme of sustainable development and be simplified for primary age children.