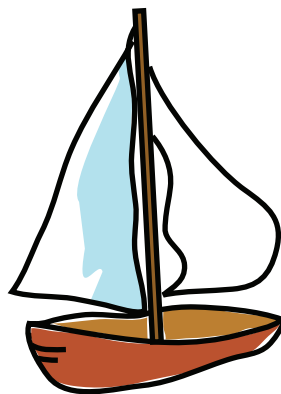
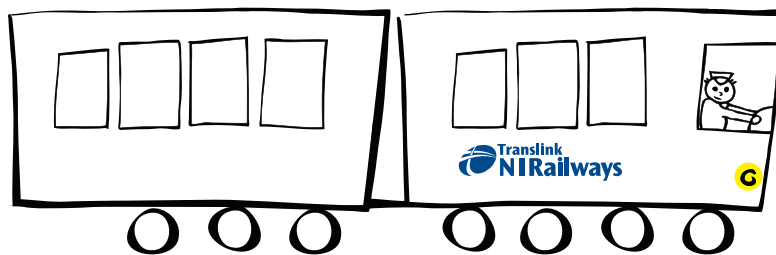
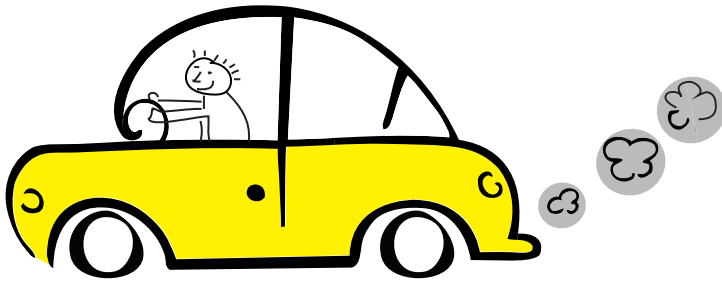


What is sustainable transport?

Rate the transport methods shown from 1 for most sustainable to 6 for least sustainable.



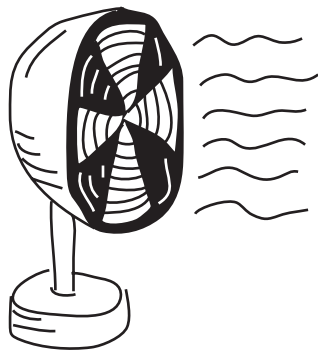
Discuss the ratings you gave with the rest of the class - did you all agree?



Key Stage 3 – Transport Worksheet

Design a **wind powered land vehicle** and build a model using recycled materials – bottles, bags, boxes, milk cartons, foil etc.

Large dashed rectangular area for drawing the wind-powered land vehicle model.



Build your model and test them using a hairdrier or fan to provide the 'wind'.



ICT Research

Can you find out what dangerous gas comes out of car exhausts?

"Because there are so many cars on the road as a parent I feel it is an unsafe environment for my children to walk to school - it's a self-perpetuating problem."

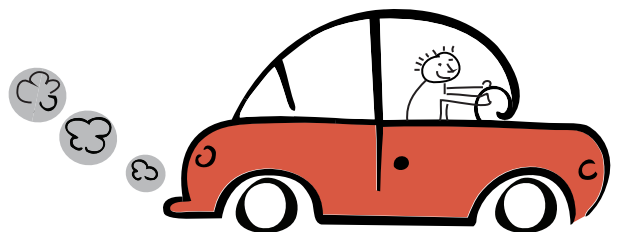
The average drive to school and back releases 800g of CO₂ into the air - enough to inflate over 60 balloons.

That's ignoring all the other exhaust chemicals. It's not just bad for the environment - inside your car you and your child will be breathing in up to three times more pollution than if you were walking along the pavement.

There are 13 million more cars on the roads today than in 1950

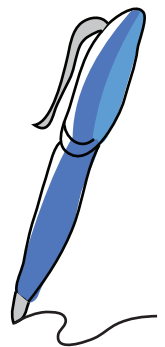
Up to 10 bikes can be parked in the space it takes to park 1 car. Imagine how much space we could save if more people cycled and less people drove.

Co₂ from car exhausts is a major contributor to greenhouse gases which cause climate change. Co₂ along with other harmful gases in car exhausts cause health and respiratory problems.



Key Stage 3 - Transport Worksheet

Using the notes on the last page, and your own ideas on how to improve transport alternatives to your school, write a letter to your local Politian or Councillor asking them to implement some changes.



Key Stage 3 – Transport Worksheet

Word Search

Sustainable Transport

H N A U Q S S X T A C P L R V
E H Y Z D H U T K J B B X X N
A S E T M U S H P M G R J U E
L Y E N P S T L E Q Z N Q N W
T Y H H E T A M I L C O V D S
H M K Y U Q I Y R B T I H A K
Y T R O P S N A R T R T E N G
J J S C P M A H W O Z U I L J
E F P T M B B A N P E L B E Y
J V P P I T L M Q W S L G V V
Y Q F K L K E U E N N O B A H
R H M A I N T P A F G P B R W
X V Q N T J Y R K D L G Y T G
G M G K M R T F Z C G M C E Y
V C H L C H A L L E N G E E Z

CHALLENGE

CLIMATE

ENVIRONMENT

HEALTHY

POLLUTION

SUSTAINABLE

TRANSLINK

TRANSPORT

TRAVEL

WALKING

