

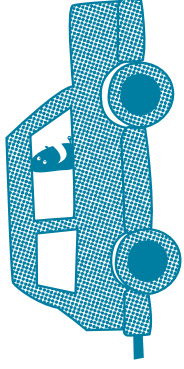
Transport and energy

For more information on transport and energy, go to www.sei.ie/schools - Energy in Our Lives (chapter 4)

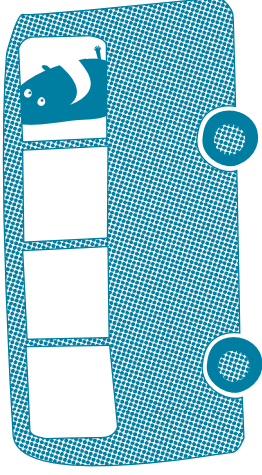
Transport uses lots of energy, particularly fossil fuels which are a non-renewable type of energy. What can we do to save on the amount of energy we use to travel? Fill in the blanks below to see which method of transport is more energy efficient.

A car with 1 litre of fuel can carry 5 passengers 14 kilometres. That is 70 passenger kilometres per litre.

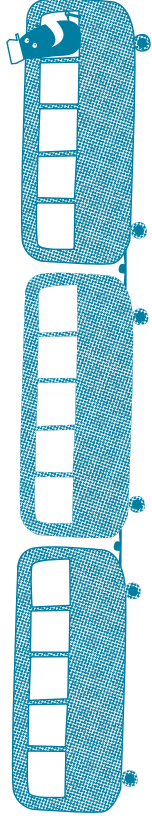
5 Passengers x 14 kilometres = 70 passenger kilometres.



A bus with 1 litre of fuel can carry 72 passengers 2.5 kilometres. That is _____ passenger kilometres per litre.



A train with 1 litre of fuel can carry 700 passengers 0.5 kilometre. That is _____ passenger kilometres per litre.



- Which of the three is the most energy-efficient way to travel?
- Do a survey of the class to see how each person travelled to school. Fill out the results in the table below.

Transport	Number
Car	_____
Bike	_____
Walking	_____
Bus	_____
Train	_____
Other	_____

- How many of the class used renewable energy to travel to school?