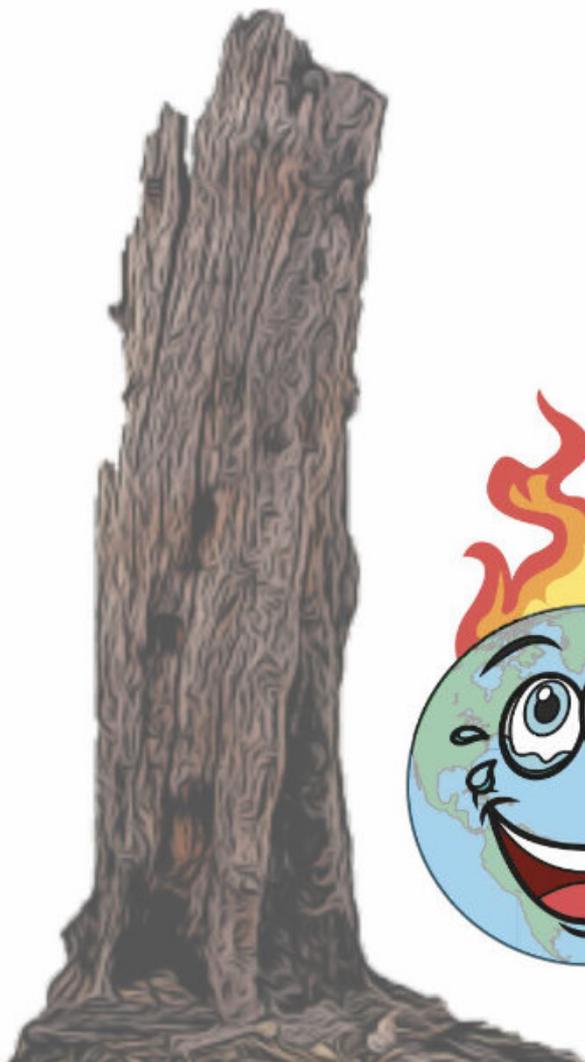




6 Reducing your carbon footprint

Worksheet 1-2



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Worksheet 1

Carbon footprint of your journey - traveller cheat sheet

	LITERS OF FUEL TO TRAVEL 100 KM	NUMBERS OF PASSANGERS	FUEL CONSUMPTION PER PASSENGER PER 100KM	AMOUNT OF CO2 (1 L GASOLINE = 2.5KG CO2).
	ABOUT 8 LITER/100 KM			
	ABOUT 5 LITER/100 KM			
	ABOUT 560 LITER/100 KM			
	ABOUT 45 LITER/100 KM			





Worksheet 2

ELECTRIC CARS - TRUE OR FALSE

Decide, which information about electric car is true or false.

1. The latest electric cars according to the WLTP standard can go even over 1000 kilometres on a single charge
2. Electric cars are noticeably more expensive than traditional models, so most customers still opt for traditional cars.
3. A limited choice among "electrics", however leading manufacturers, such as Volkswagen, are constantly expanding their range.
4. Electric cars can travel at high speeds. The maximum can be even between 230 km/h and 250 km/h.
5. Electric cars do not emit harmful compounds into the atmosphere, they do not pollute the environment, and their carbon footprint is significantly smaller than in the case of traditional cars.
6. Silence is one of the most distinctive features of electric cars. While driving an electric car you can hear the noise of tires rolling down the road and the wind flowing around the body.
7. One of the very few disadvantages of electric cars is expensive maintenance as there are components in electric cars that can potentially cause malfunctions in the future.
8. Unfortunately, the braking system wears out much faster than in the case of combustion vehicles.
9. Electric cars are very dynamic, and the torque available in full at almost any speed makes that joining traffic, changing lanes, or overtaking, lasts a very short time. This also increases our safety.





Worksheet 3

BRAINSTORM

Reflect on the positive and negative impacts of transport. In groups share and identify the main positive and negative impacts of transport

NOTES:

Positive

Negative





KEY Worksheet 2

ELECTRIC CARS - TRUE OR FALSE

1. F - Limited range is one of the main objections against electric cars. Admittedly, according to the WLTP standard can go even over 500 kilometers, but the increased driving dynamics, or low temperatures effectively reduce this range
2. T
3. T
4. F- With few exceptions, electric cars cannot travel at high speeds. The maximum is usually between 140 km/h and 160 km/h.
5. T
6. T
7. F- The braking system wears out much more slowly than in the case of combustion vehicles.
8. F- Inexpensive maintenance is another advantage of electric cars. There are not many components in electric cars that can potentially cause malfunctions in the future, no oil changes and timing.
9. T





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