

Worksheet 2.7.5 Exploring damage to the Earth's resources

1 Earth's resources



Work with a partner to complete this task.

- a) Make a slideshow to describe the resources that the Earth provides and how we use them. Present your information clearly.
- b) Peer-assess the presentations that you watch: what is good about the presentation and how could it be improved?

2 Environmental damage



Work in a group of four to complete this task.

a) Research how:

- deforestation damages habitats

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- landfill sites pollute land

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- fertilisers and sewage pollute water

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- overfishing and intensive agriculture damage food chains and webs.

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b) Design an information leaflet to explain and raise people's awareness of these issues.

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3 The Minestown dilemma



Work in a group of four for this task.

There is a proposal for a new by-pass to be created near Minestown. The following views have been expressed by local people.

Farmer Bloomfield: Farmland will be used up. I will have less pasture for my cows and less arable land for crops.

Mrs Teesbunker (golfer): It will ruin the best golf club in the UK.

Ms Steele (local industrialist): Congestion on the current roads stops lorries from getting to our factories quickly. This means that our stock needs a longer time in limited storage space, so production slows down and I make less profit.

Mr Laws (council advisor): The cost of building the by-pass is very high and will lead to local council tax increases for all our residents. Ms Steele does not live in Minestown.

Mr Green (environmentalist): The by-pass will pass through a woodland area that has many very rare and endangered plants. They cannot be moved anywhere else as they are unlikely to compete successfully in a new ecosystem.

Ms Jones (local resident): The heavy traffic on the current roads is damaging the roads and causing large potholes. The wagons go far too fast. They are very noisy and dirty, releasing smelly exhaust fumes. All these wagons mean that it takes local people much longer to get to work.

a) You are a member of the council. Suggest what evidence you will need to collect to make your decisions.

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b) Decide whether you feel the by-pass is justified. Give a reasoned explanation of your decision.

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c) Write a report to deliver to the town's people.