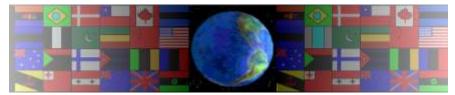
## THE DESIGNER - ENVIRONMENTAL ISSUES AND PRODUCTS FEATURES / FUNCTIONS

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On behalf of The World Association of Technology Teachers

## W.A.T.T.



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This exercise can be printed and used by teachers and students. It is recommended that you view the website (www.technologystudent.com) before attempting the design sheet.

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## HOW ENVIRONMENTAL FACTORS INFLUENCE THE FEATURES AND FUNCTIONS OF A PRODUCT EXAMPLE - THE CAR

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1. When considering the purchase of a new car, why does a typical potential customer demand high levels of fuel efficiency?

2. List new engines that have been developed, due to environmental concerns of potential customers.

3. Select one of the engines you named in question 2. Explain why you consider it to be environmentally friendly, compared to older engine technology.

4. Select a car you regard as damaging the environment less than most other cars of its type. For example, the Fiat Panda Cross 4 x 4. In the space below, describe the car and include your reasons for selecting this vehicle.