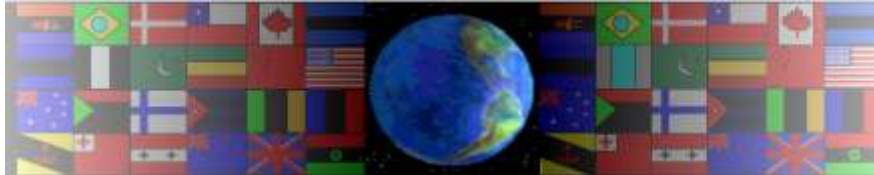


AN ENERGY INEFFICIENT AND ENVIRONMENTALLY UNFRIENDLY HOUSE

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On behalf of The World Association of Technology Teachers

W.A.T.T.



World Association of Technology Teachers

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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Study the diagram below. It shows a typical exterior of a standard house. This house has certain defects that makes it inefficient in its use of energy and it pollutes the environment. It has also been badly designed which also contributes to heat loss and inefficient use of energy. How many defects and aspects of poor design can you spot? Draw an arrow to each and write a simple explanation alongside each one.



1. Draw a house design of your own based on the one shown above. However, this time the house must be energy efficient and environmentally friendly. Add accessories that are also energy efficient and environmentally friendly (eg. a bicycle and fuel efficient car).