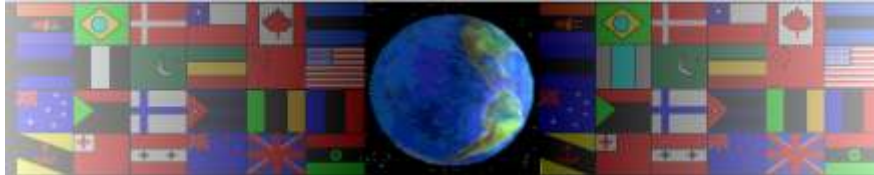


OFF SHORE WATER TURBINES

V.Ryan © 2000 - 2009

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 .

THESE MATERIALS CAN BE PRINTED AND USED BY TEACHERS AND STUDENTS.
THEY MUST NOT BE EDITED IN ANY WAY OR PLACED ON ANY OTHER MEDIA INCLUDING WEB SITES AND INTRANETS.
NOT FOR COMMERCIAL USE.
THIS WORK IS PROTECTED BY COPYRIGHT LAW.
IT IS ILLEGAL TO DISPLAY THIS WORK ON ANY WEBSITE/MEDIA STORAGE OTHER THAN www.technologystudent.com

OFF SHORE WATER TURBINES

V.Ryan © 2009 World Association of Technology Teachers

1. Research is being carried out on the possibility of using offshore water turbines. They look a little like wind turbines but placed below the surface of the sea.

Describe how they could be used to generate electricity..

2. What are the main problems associated with this type of turbine ?

3. How would the generated electricity be transferred to land ?

4. The incomplete drawing below, shows how underwater turbines could be maintained. Complete the drawing by adding the missing parts. Add colour and shade.

