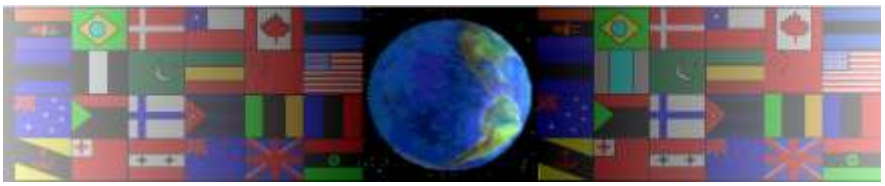
WAVE POWER

On behalf of The World Association of Technology Teachers

W.A.T.T.



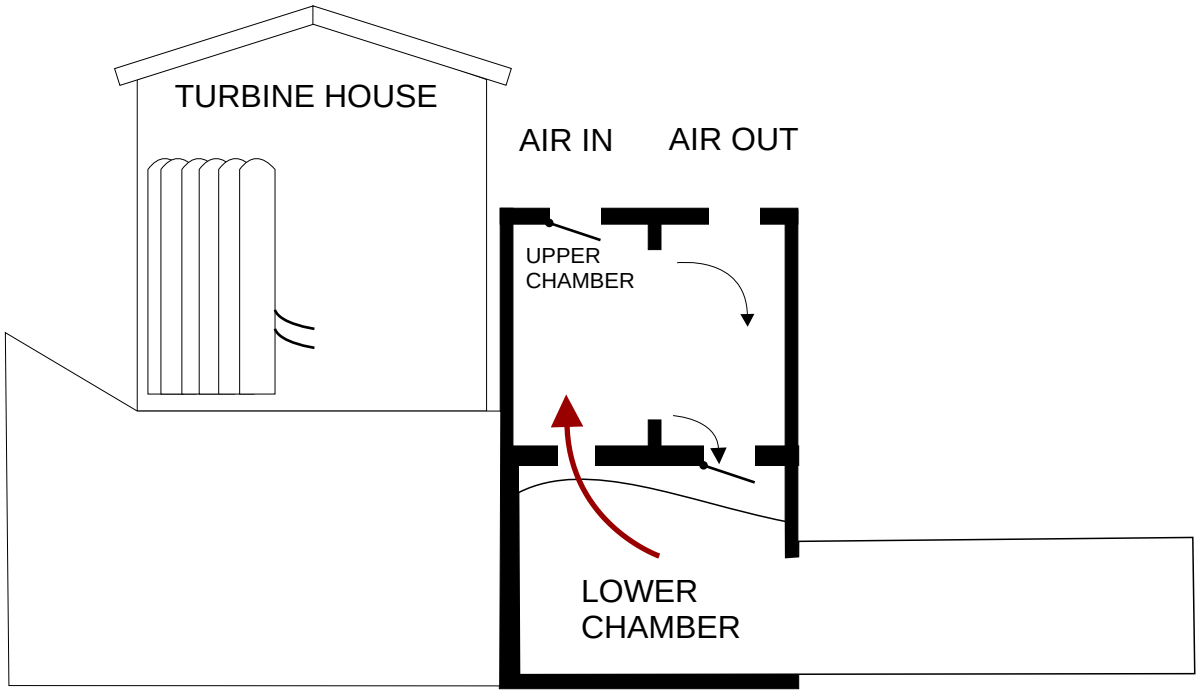
World Association of Technology Teachers

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 .

WAVE POWER

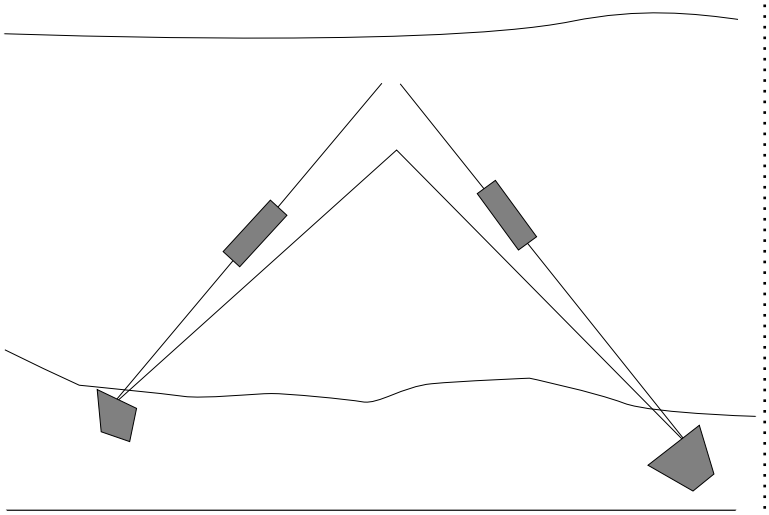
1. The system for producing electricity from wave power, seen below, is called the 'Oscillating Water Column'. The drawing is incomplete.

Complete the drawing by adding the missing parts. Add colour / shade.
Write an explanation regarding how this system works.



2. The Salter Duck was an experimental device that was attached to the sea bed. Complete diagram 'A' by adding the Salter Duck device.

DIA 'A'



3. With the aid of a simple diagram showing the internal workings, explain how the Salter Duck worked.

WAVE POWER

4. Draw a diagram that shows how coastal defences could be used to generate electricity. Add notes that describe how this proposed system could work.

NOTES: _____

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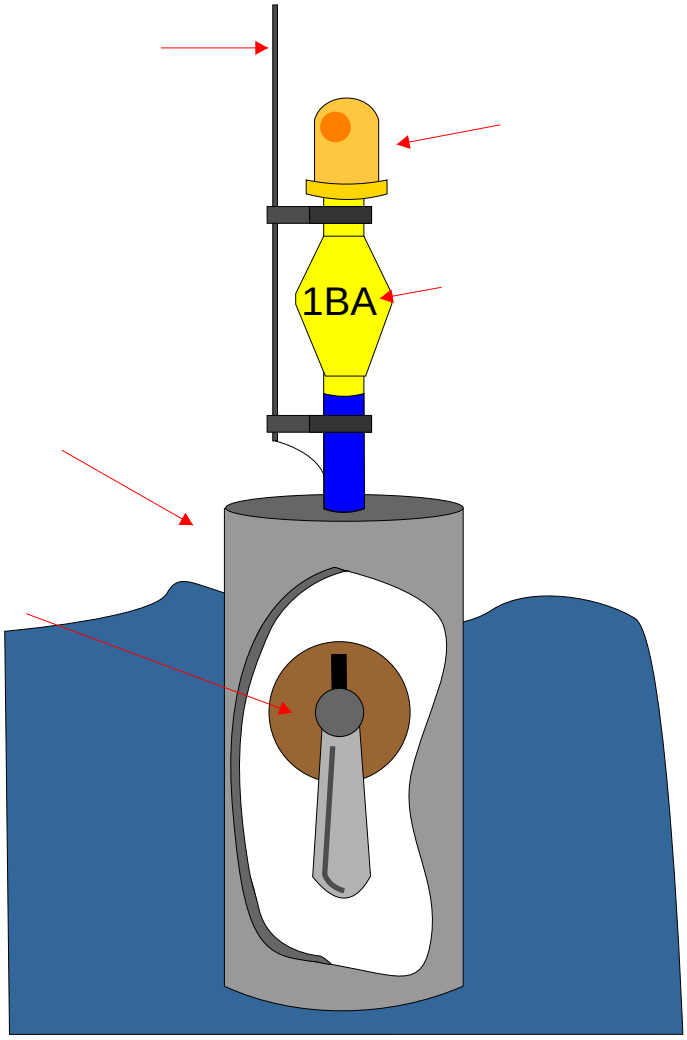

POWER GENERATING BUOY

5. The diagram opposite, shows a electricity generating sea buoy.

Add the missing labels.
Add written information about this type of system.

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