Lycée Jules Ferry Versailles	**Energy ressources** **Wave power**	
STI GEM		***Section Euro***

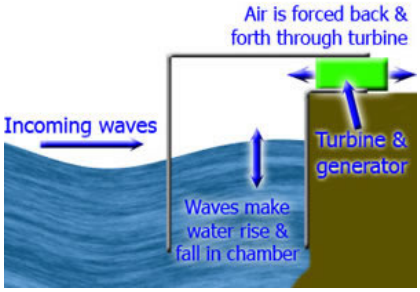
http://www.darvill.clara.net/altenerg/

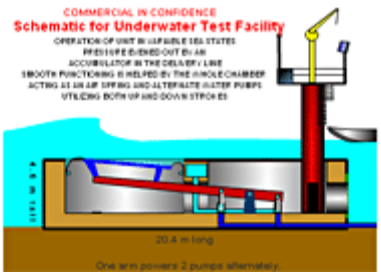
1. Introduction

How are created the waves? _____

Why are wave power stations rare? _____

1. How it works





2. Advantages and disadvantages

Advantages:	Disadvantages:

2. Summary

- There's a lot of energy in waves on the sea. The hard part is getting it.
- Waves can make something bob up and down, and that can drive a generator.
- A wave power station needs to be able to stand really rough weather, and yet still be able to generate power from small waves.
- Renewable - the waves will keep on coming whether we use them or not.
- Needs to be built where there are plenty of reliable, strong waves.

Quiz:

Wave power is a _____ energy resource, needs no _____ and produces no pollution.

There are several ways to get energy from waves.

One is to use the waves to make _____ bob up and down in a chamber, allowing _____

to be blown in and out of the top which can drive a _____ and a generator.

Another is to tether objects where the _____ can move them up and down or back and forth, and

use this _____**]** to drive generators.

A wave power station must be built where waves are _____ and _____, must be

able to generate during _____ weather and yet withstand violent _____.