

# Osney Lock Hydro

Date:

Name:

Class:



**Task 1** - Look at the **4 locations below**, can you identify a **suitable** type of **renewable energy** for each one?

*Well done if you can work out the most appropriate type of renewable energy for location 4!*



1. An open disused brown field site



2. An open hillside away from houses



3. A weir next to a small town



4. An area with natural hot springs





**Task 2** – Using the words and numbers in the list below, **fill in the gaps** in the following sentences

**55 ~ community ~ electricity ~ 2013 ~ reverse ~ shares ~ generates ~ Archimedean ~ hydro ~ 2001 ~ Osney**



- In \_\_\_\_ a group of local residents came up with an idea for a new power generation scheme for \_\_\_\_ Island.
- As a \_\_\_\_\_ owned scheme, residents were able to buy \_\_\_\_\_.
- Work to build the \_\_\_\_\_ got underway in \_\_\_\_\_.
- The hydro uses a \_\_\_\_\_ screw turbine.
- The hydro \_\_\_\_\_ enough \_\_\_\_\_ to power about \_\_\_\_ homes.

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## Task 3 – The power of water....

The river has inspired **poets** and **artists** throughout history. Using the story of **Osney Lock Hydro** to inspire you, **write a poem in celebration of the river and renewable hydropower.**

- Think about descriptive language and choose your adjectives carefully
- Think about the rhythm of the turbine as it rotates!
- You might like to present your poem with illustrations inspired by the river



**Write and illustrate your poem in the space below**