

Home Learning-Afternoon Activities

Week beginning: Monday 29th June 2020

Subject - Humanities

Question:



Is water useful for anything else apart from
drinking and keeping fish in?



Introduction

Watch the clip about

<https://www.youtube.com/watch?v=q8HmRLCgDAI>

Can you explain what **hydropower** is?

Draw a diagram with some labels to explain how hydropower is made, you can choose one or both of the different ways explained in the clip – dam/run of river (highlight if you want to by PAUSE 0.42)

Watch the video again, PAUSE AT 2.21 and discuss the list of reasons why we should use this form of energy.

Present a labelled diagram explaining how electricity is made from water

Younger Children

Older Children

Watch the clips about how we use water to make energy

<https://www.bbc.co.uk/programmes/p011lz9d>

<https://www.bbc.co.uk/programmes/p011mrnc>

Draw a picture to show how electricity can be made from moving water

Explore the Energy Source Fact File information page and scroll through with your teacher, making notes where you need to about memorable facts

<https://www.funkidslive.com/learn/energy-sources/waves-energy-source-fact-file-2/>

Load the link about tidal power

<https://www.youtube.com/watch?v=VkTRcTyDSyk&feature=youtu.be>

Draw some labelled diagrams showing the different ways that electricity can be made by using water.

Challenge question:
How else is electricity made by using nature?

Challenge Activity

Make a Water Wheel

This one looks really complicated, you could simplify it, but watch the clip first to get the idea.

You could just design one, or actually make it

https://www.youtube.com/watch?v=jy_pGGNs9Ok