

Y7 Science Enrichment Homework

Topic: Pure and Impure Substances

This half term we are learning about water and separating substances. Sustainable development goal 6 (SDG6) relates to clean water and sanitation for all. Getting clean drinking water in some places is very difficult.



Task:

Research how to make a water filter and then create one out of used or recycled materials (plastic bottle, moss, sand, gravel, fabric etc).

Success Criteria:

- A filter that can be tested by Dr Batchelder or Mrs Pound.
- A photo or video of your filter in action.
- A short explanation of how your filter works.
- Accurate spellings for scientific vocabulary.



To be completed to an acceptable standard, students should spend over 1h30 on this homework (research, model making, explaining).

You can write this work up in your enrichment HW book or on Google Classroom (class code orrwhw4).

Challenge: Explain why access to clean water is one of sustainable development goals. Why shouldn't people drink 'dirty' water?

Deadline: The homework is due in the week beginning Monday 22nd May 2023.