**Science**

**Thursday 25th June 2020**

**How did Vikings clean dirty water?**

So far, we have looked at a range of different techniques to separate materials. See if you can remember what each of the following are. If you are struggling then research to help you – BBC Bitesize can be a big help.

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| **Evaporation** |  |
| **Filtering** |  |
| **Dissolving** |  |
| **Sieving** |  |

**Do you think Vikings used the same techniques we do? How do you think they cleaned dirty water to make it drinkable?**

You are going to test it out!

Mix together water, sticks, soil and salt in a cup. Use different separation techniques to get the water as clear as possible.

Use what you learnt at the Solenis Science Lab to help you.

* What materials in your house could you use as a filter?
* Which method will you separate the larger solids from the smaller solids?
* How will you remove the salt?

Take a before and after picture to show how clean you get your water!

**\*\*Do not drink the water, it will not be totally clean – remember, we need chemicals for this!\*\***