Lesson three: Why is clean water important?



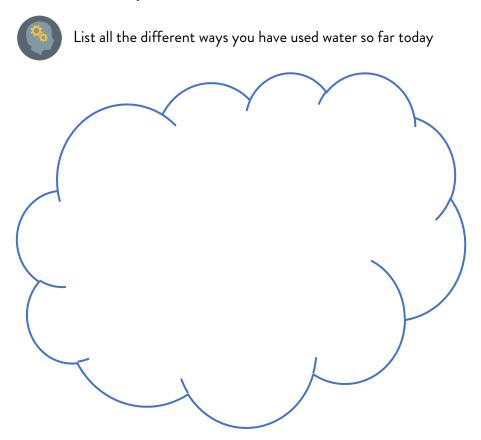
1. The collective word for water that falls from the sky as rain, snow, sleet or hail is:

- a) evaporation
- b) run-off
- c) precipitation
- d) condensation

2. One of the things we could ask the government to do to prevent flooding is

3. One of the things we could do in our own lives to reduce the risk of flooding is

Part two: What do you use water for?



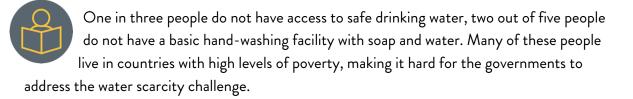
Part three: water scarcity

To do all of these things, we need clean water. We are lucky to have an abundant supply in this country, and in most of Europe. However, this is not the case for many parts of the world.



This video highlights areas of water scarcity: https://www.youtube.com/watch?v=2QQszsz0C20





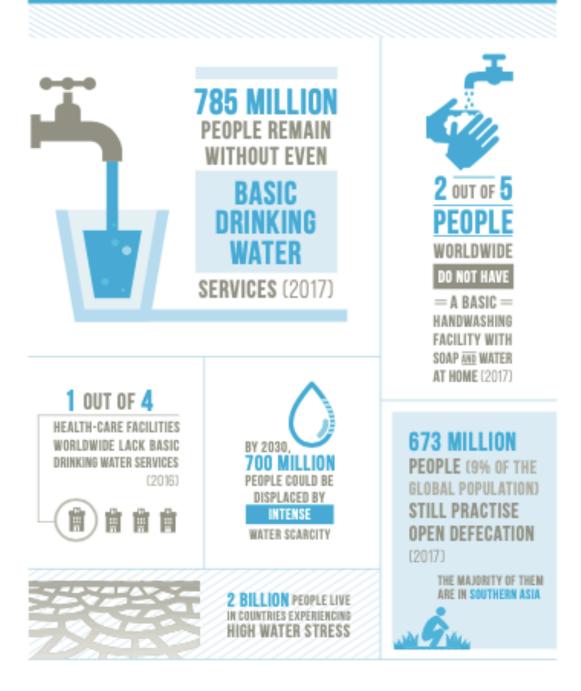


In 2015, The United Nations set 17 Sustainable development goals for the world:

"The Sustainable Development Goals are the blueprint to achieve a better and more sustainable future for all. They address the global challenges we face, including those related to poverty, inequality, climate change, environmental degradation, peace and justice. The 17 Goals are all interconnected, and in order to leave no one behind, it is important that we achieve them all by 2030. Click on any specific Goal below to learn more about each issue."



ENSURE AVAILABILITY AND SUSTAINABLE MANAGEMENT OF WATER AND SANITATION FOR ALL



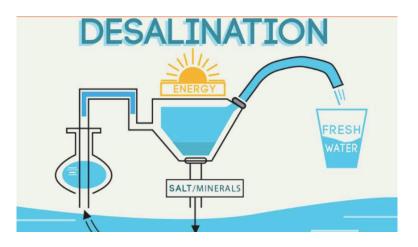


ACCESS MORE DATA AND INFORMATION ON THE INDICATORS AT UNSTATS.UN.ORG/SD65/REPORT/2019/

Part four: technological solutions

The problem isn't that there isn't enough water in the world. The problem is that 96.5% of the water is in the oceans, which means that it cannot be used for drinking. This is exacerbated by wasteful behaviours with our precious fresh water supplies.

However, hi-tch and low-tech solutions abound. **Desalination** is the process of removing salt from sea water. Salis is the Latin for salt, so desalination literally means "taking salt away from".



Let's have a go at some desalination!

