

# Task:

## Week 2

### Water Testing & Plants

What job do bacteria do?

-----  
-----

Where do the bacteria live?

-----  
-----

Why isn't clear water always clean?

-----  
-----

Where does pollution come from in the aquarium?

-----  
-----

Fill in the missing gaps in the nitrogen cycle from the words below!

Inside your aquarium, a constant nitrogen cycle is happening. A nitrogen cycle is a process of ammonia build-up and how it is then broken down into nitrates and nitrites.

- In your aquarium, you start by feeding your .....
- Through their waste they produce harmful .....
- Ammonia makes your fish ill and needs to be .....
- With the help of treatments, we can break ammonia down into ..... and then nitrates.
- Nitrites are ..... to your fish, like ammonia, however, will not kill them.
- To be sure that all nitrates and nitrites are removed from the water and no longer harmful to your fish a water ..... is needed to be carried out.

fish, ammonia, removed, nitrites, harmful, change

