

AQUANAUTS

Mini Sewage Treatment Plant

This activity demonstrates the fundamental process of water filtration, helping you understand how sewage treatment plants clean wastewater before it is released back into the environment.

Steps

1. Mix soil and paper bits in water to make "dirty water."
2. Create layers of cotton balls, sand, and gravel in the jar.
3. Pour the dirty water through the jar and watch it filter.
4. Compare the filtered water to the original.

You will need

- A clear jar
- Sand, gravel, and cotton balls
- Soil and small bits of paper
- Spoon

Helpful tip

Think about why only certain things should go down the sink or toilet and how the wrong things can affect this process

Did you know?

Every day, over 11 billion litres of wastewater are treated in the UK



This activity pairs with Aquanauts episode 'Challenges Around Waste'