

A photograph of a slum in Kenya, showing a dirt path covered in trash and a dense cluster of small, makeshift buildings with corrugated metal roofs. A blue rectangular box is overlaid on the center of the image, containing white text. The background shows a clear blue sky and utility poles with wires.

# Stop The Spread

- Helping Kenya improve their general hygiene -

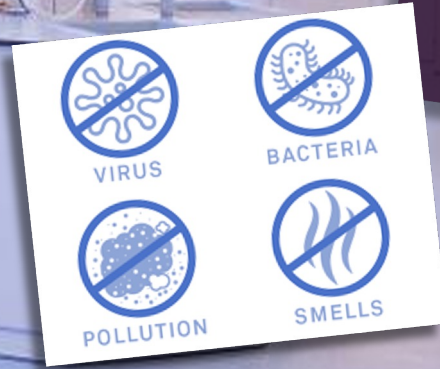
# What are the aspects of stem club?

## Stopping the spread:

At **stem club**, our current project is ‘**stop the spread**’. It requires us to design, explore and create ideas to **help improve Kenya’s hygiene situation**. Our task is split into two main parts:

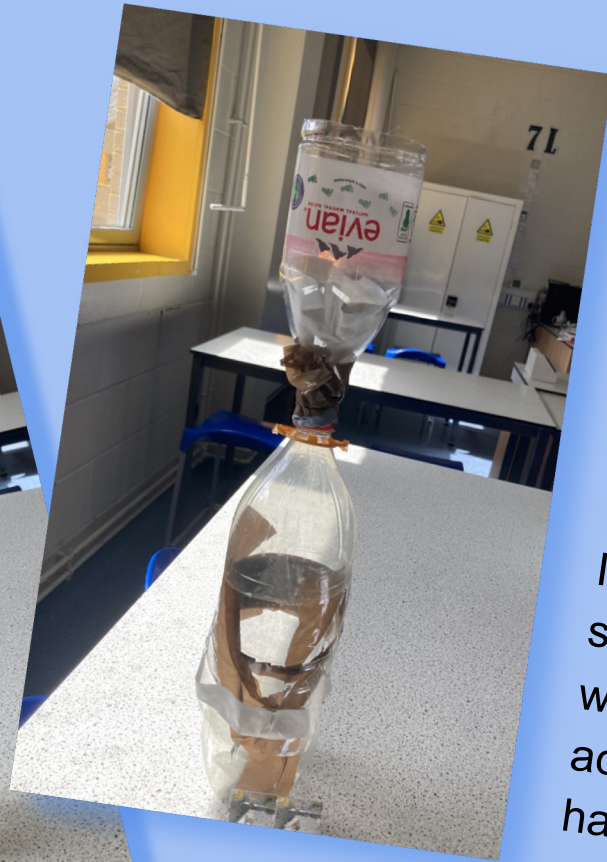
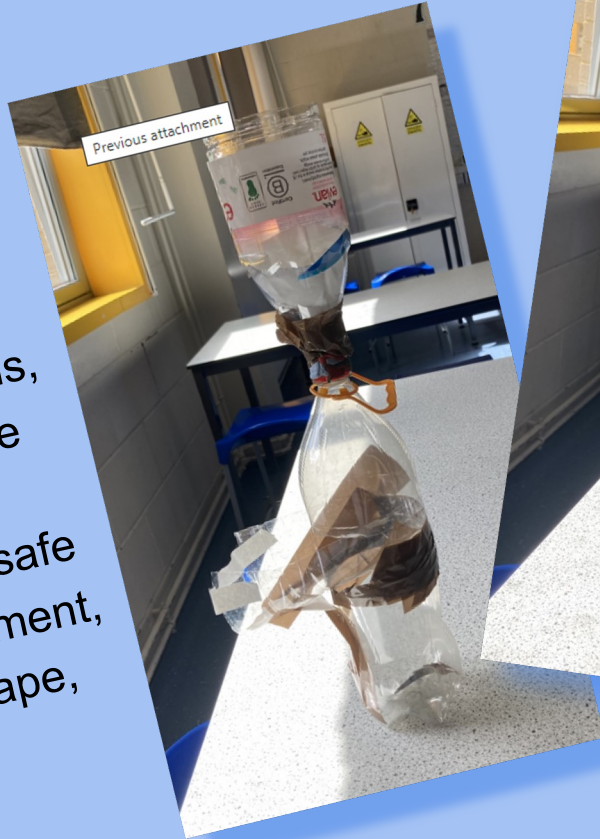
- **Designing and building** our own model of a sanitation station based on purifying rainwater.
- **Producing education materials** about why washing our hands is vital in preventing the spread of diseases.

For the project, we split up into groups and assigned members with their own task including, a **researcher, and engineer, product designer, finance manager and a science communicator**.



## -The filtration system-

We used a wide variety of materials, and each of these materials was recyclable and safe for the environment, e.g. plastics, tape, and so on.



In order to ensure success, each team worked together to accomplish the task by hand, and **every step of the way was done by hand.**

## Reflection on the project and stem club:



Overall, we thought the lessons were **very engaging, and extremely enjoyable.**

At stem club, we were able to physically build our ideas, improving our teamwork skills and challenging our inquisitiveness.

The **aspects we most enjoyed were:**

- Finding and researching the **materials** needed for the project
- **Educating** ourselves about water-borne diseases
- Actually being able to **help** people on a serious issue.



**Thank you for  
listening**

Made by Ethan, Benji And Iluobe