

## Mircobead Experiment

Did you know that some hygiene and cosmetic products have small pieces of plastic called microbeads in them?

They are man-made pieces of plastic which can be found in products like your shampoo, toothpaste and face wash, polluting water bodies such as rivers, lakes and oceans after going down your drain.

### What do you need?

- Two glasses
- Hygiene or cosmetic product from your home
- Spoon
- Thin piece of cotton cloth

Become a detective and investigate through a simple experiment to see if you can find microbeads in hygiene and cosmetic products at your home. Check your products such as toothpaste, shampoo, face wash, body lotion, shaving cream, etc. using our microbead experiment.

### How to conduct the experiment?



#### Step 1

Fill one glass halfway with water. Pour the product content into the water glass.



#### Step 2

Stir the content in the water until the product is complexly dissolved.



#### Step 3

Place the cloth on top of your second glass and strain the content through the cloth.



#### Step 4

Look closely at the residue on the cloth.  
Can you see microbeads?

If you find microbeads in any product, then talk to your parents and ask them to switch to a product that does not have microbeads in it.



If your mom and dad have a smartphone you can borrow, you can also use the app '**Beat the Microbead**'. Open the app and scan the ingredients of your hygiene and cosmetic product. The app will tell you if the product contains microbeads or not.