

Separation challenge instruction sheet

Try to separate microplastics from natural materials in your mixture using three different methods:



Sieving

1. Put the sieve over a sink, bucket or bowl.
2. Pour the sample into the sieve and use forceps to pick up items that were caught inside the sieve.
3. Sort them and record them on your sheet.



Filtering

1. Set up a filter using filter paper and a funnel placed in a cup or bowl.
2. Pour the sample into the funnel and use forceps to pick up the items that were caught on the filter.
3. Sort them and record them on your sheet.



Floating

1. Pour the sample into a larger beaker or bowl of water.
2. Use forceps to collect the items that float to the surface.
3. Sort them and record them on your sheet.

