

➤ Activity Sheet

Wastewater warrior

Do you know what items should go down the drain and toilet?
Many items end up at the wastewater treatment plant which should go into the bin.
Can you work out which ones these are?

Things you will need:

- 2 transparent buckets. Bucket A filled with water and bucket B empty.
- Strainer (e.g. spaghetti strainer)
- Wooden spoon for stirring
- A selection of household items which might enter the wastewater system eg: toothpaste, shampoo, dish wash soap, food scraps (cereal, rice, carrot peelings), tomato sauce, cotton buds, cooking oil, sugar, salt, sand, coffee, kitchen towel, sand



What to do:

1. List the household items to test in the table below.
2. As the items are placed in bucket A, observe whether they float, sink or dissolve in the water and record this on your table.
3. Ask an adult or a friend to help you pour everything from bucket A (wastewater) through a strainer into bucket B.
4. Record on your table whether each item passed through the strainer or did not.
5. If the item passed through the strainer, this can continue to the wastewater treatment plant, the items caught will need to go in the bin.

Household item	Float, sink, or dissolve?	Passed through strainer? Y/N	Continue to the wastewater treatment plant? Y/N

Based on this activity, what would you tell others about disposing items into the wastewater system?

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