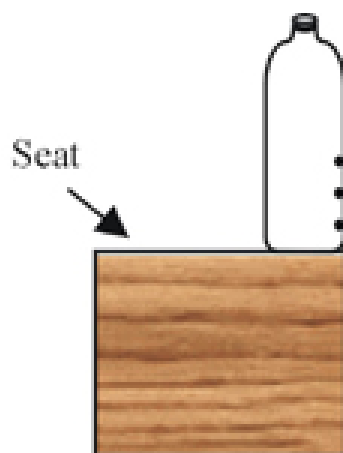


Water flow

This task is about investigating water flow and pressure.



How to do this task:

- Collect a milk container and its top.
- Fill the container with water. Put on the top. Put your fingers over the holes. Carry it on its side so that it doesn't spill.
- Set up the container with the holes facing away from the edge of the seat.
- Remove the top and take your fingers away.

a) The water will begin to come out of the holes. On the diagram above draw how the water comes out of the three holes.

b)i) From which hole does the water travel further? _____

ii) Why does water travel furthest from this hole?

c)i) Now refill the bottle with water and do the experiment again, but this time have the top on the bottle.

Write down what happens.

ii) Explain why the water flow is different from before.