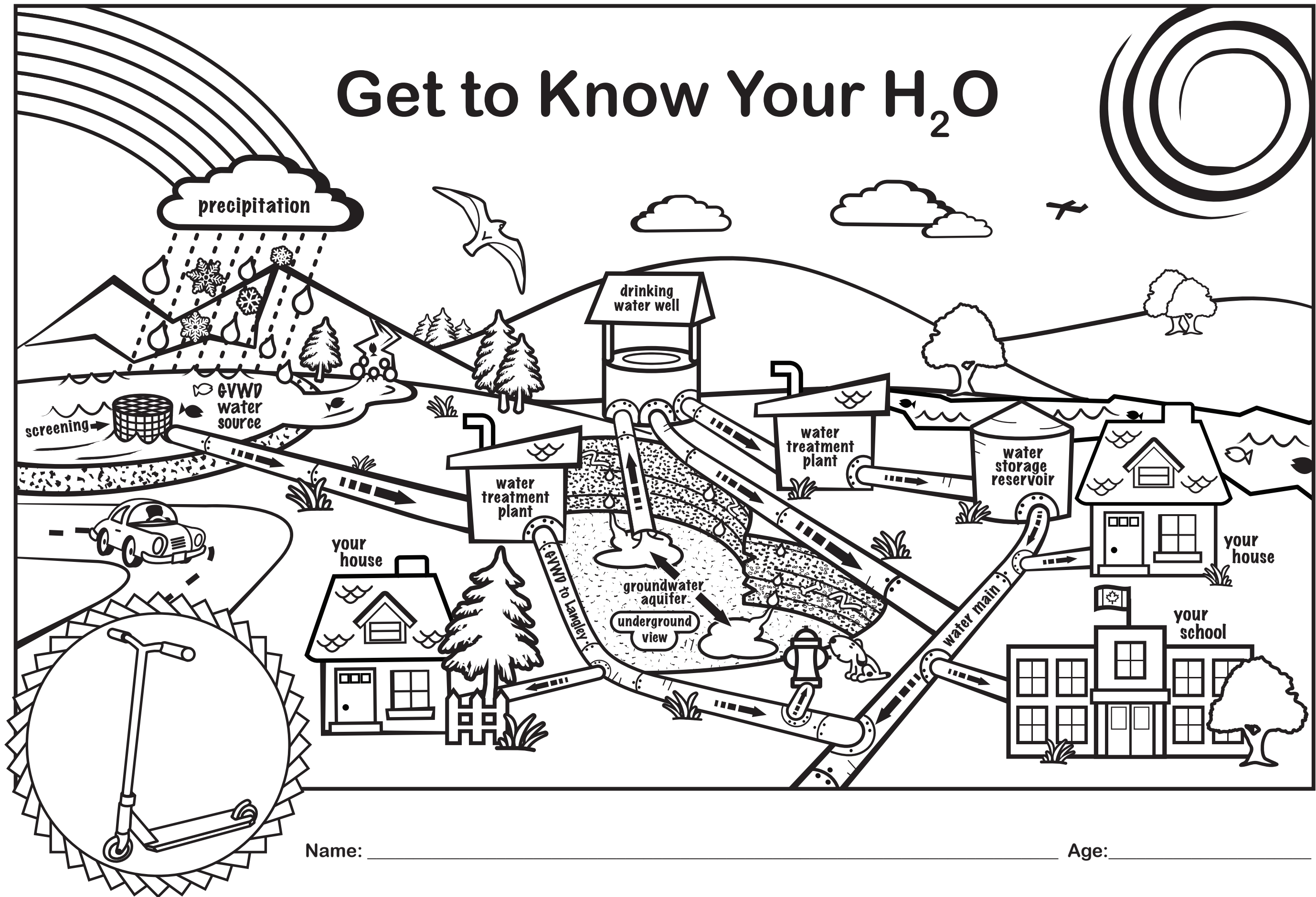


# Get to Know Your H<sub>2</sub>O



Name: \_\_\_\_\_ Age: \_\_\_\_\_

# Get to know your H<sub>2</sub>O

When you turn on the tap, do you know where the water comes from?

The Township of Langley’s drinking water supply is from combined sources; Metro Vancouver’s Coquitlam Watershed reservoir, and groundwater sources from underground aquifers within the Township. Having a mixed water supply keeps water utility rates reasonable and allows our local underground aquifers to recharge. With the Township’s growing population and high demand for crop irrigation, maintaining a local supply of water is important for economic reliability and security.

The diagram on the front of this colouring sheet reflects how the Township of Langley’s drinking water supply operates. The ‘GVRD water source’ refers to Metro Vancouver’s Coquitlam Watershed reservoir. Drinking water from the reservoir is treated and then transported through a system of underground pipes to the Township. The ‘groundwater aquifer’ represents several underground aquifers throughout the Township!

## Concept words

<i>Precipitation</i>	any product of the condensation of atmospheric water vapour that falls under gravity. The main forms of precipitation include drizzle, rain, sleet, snow, and hail.
<i>Water treatment plant</i>	a facility where processes make water suitable for drinking.
<i>Aquifer</i>	an underground layer of water-bearing permeable rock or unconsolidated materials (gravel, sand, or silt) from which groundwater can be extracted using a water well.
<i>Reservoir</i>	storage area where water is collected and kept in quantity so that it may be drawn off for use.
<i>Water main</i>	a principal pipe in a system of pipes for conveying water, especially one installed underground.
<i>Water well</i>	an excavation or structure created in the ground by digging, driving, boring, or drilling to access groundwater in underground aquifers.

## WaterWise Colouring Contest

**LEPS and the Township of Langley encourage you to get to know your H<sub>2</sub>O!**

**Submit your coloured diagram between Thursday, July 1 and Saturday, July 31 for a chance to win a Havoc Storm Pro Scooter.**

**Contest open to youth under the age of 12 who reside in the Township of Langley.**

### To Enter

When you’re finished, submit your masterpiece:

- Scan or photograph your entry and email it to [water@leps.bc.ca](mailto:water@leps.bc.ca), or
- Drop off or mail your entry to:

Langley Environmental Partners Society  
201, 4839 - 221 Street  
Langley, BC V3A 2P1

*The WaterWise program is a partnership between Langley Environmental Partners Society and the Township of Langley to promote conservation of our drinking water resources. Contest open to residents of the Township of Langley only. For more information, contact 604.532.3511.*