

# AQUA ADVENTURE<sup>SM</sup>

**Explore** how you use water at home or in your community, the water's journey, and how to improve a part of this journey.

**Create and Test** a Team Model to show your ideas.

**Share** what you learn through your Team Model and a *Show Me* poster.

**Hi,** I'm Hydro the water drop!

Find out how water like me gets to you. Can you help make my journey better? Join me on an AQUA ADVENTURE<sup>SM</sup>!



## Explore!

You and your community use water for many things every day. Where does your water come from? How does it get to you? Is the water cleaned or treated before you can use it? Why is it important to use water wisely? Pick one way that you use water at home or in your community. Learn as much as you can about the water's journey. Then design a solution to improve a part of this journey.

## Create and Test!

Design, build, program, test, and improve a Team Model to show your chosen water use, the water's journey, and your idea for how to improve a part of the journey. Include the AQUA ADVENTURE<sup>SM</sup> Inspire Model (a LEGO® water pump) in your design. Also be sure to use LEGO® Education WeDo 2.0 or WeDo to build and program at least one motorized part of your Team Model.



## Share!

Make a *Show Me* poster, and use it and your Team Model to share what you have learned with others. Participate in an Expo, invite your family and friends to a special team meeting, or share your Engineering Notebook to show what you know about water!



**No matter what you do, have fun!**

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