

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

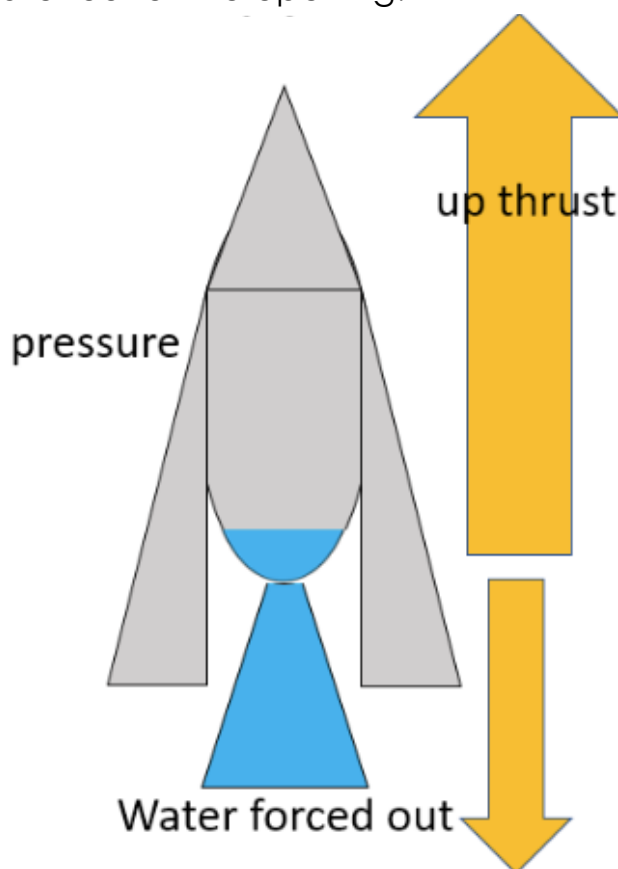
**Learning Target:** I can discover how different types of rockets can be made using chemical reaction or water power.

Date: \_\_\_\_\_

## Rocketry

*Have you ever played tug of war? In a tug of war, two teams pull the ends of a rope in opposite directions. The team that pulls the other team across the center line wins. When a team pulls the rope, they apply **force**.*

Today, we will be discovering how force, a push or a pull, is needed to create a rocket to launch. Air pressure within the plastic bottle starts to build in the container as you start pumping. Eventually, there is no more space for the air to go, **forcing** the water out of the opening.



What would happen if you add **less water**?

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What would happen if you add **more water**?

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