

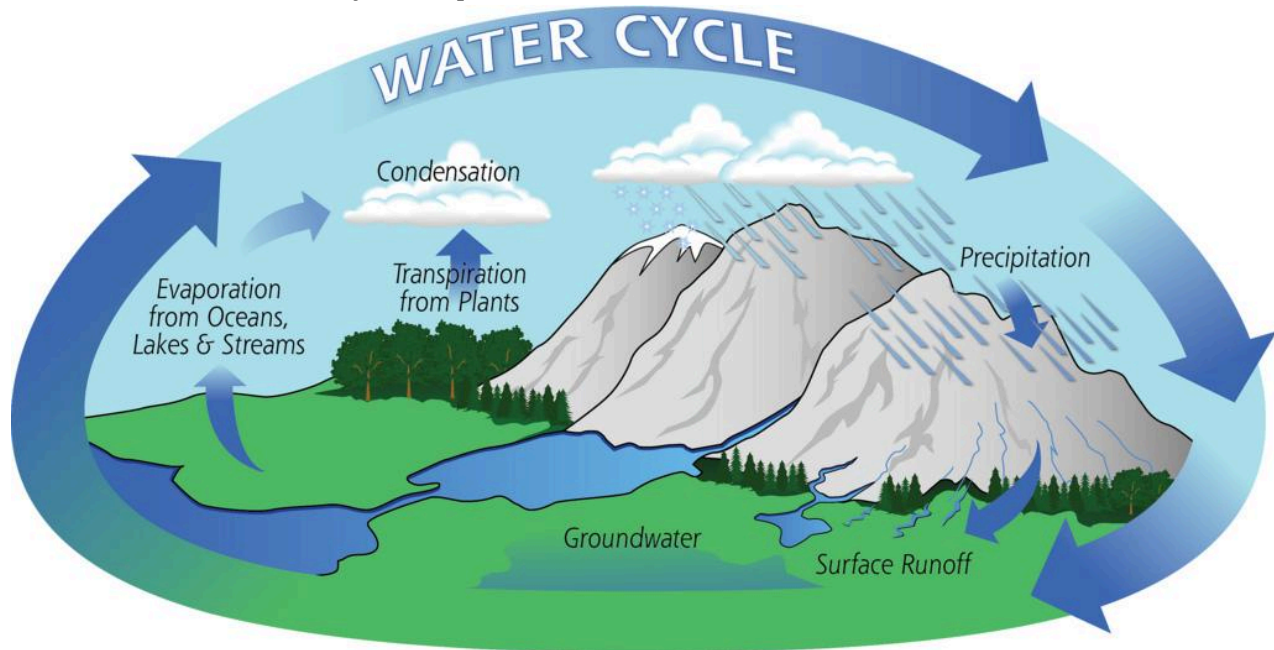
Hydro Dynamics Challenge Planning Sheet

Team Name:

Team members:

Identify a Problem:

There is a natural water cycle on planet Earth:



Humans interact and disrupt the natural water cycle making the **Human Water Cycle**.

Research:

Look up the **Human Water Cycle** on Google and learn how humans impact the water on our planet.

Write down as many problems with water on our planet as you can find through your research:

Choose ONE Problem:

As a team, choose one of the problems that you wrote above:

Design a Solution:

Brainstorm possible solutions to the problem your team chose:

1. Your solution needs to include your EV3 Robot.
2. Your solution needs to include at least one sensor.
3. Your solution can include parts you design on 3D Builder or find on Thingiverse to be 3D printed.
4. Your solution can be completely innovative (new), or can improve something that already exists, or can use something that already exists in a new way.

Share:

Decide as a team how you will share your solution to the problem!

How will you share your solution?

Notes from your topic including links to the websites you are reading:

Your notes, in your own words.

Including links...