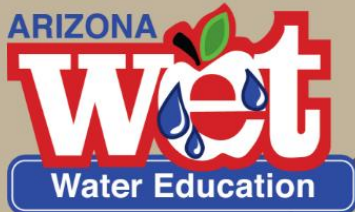
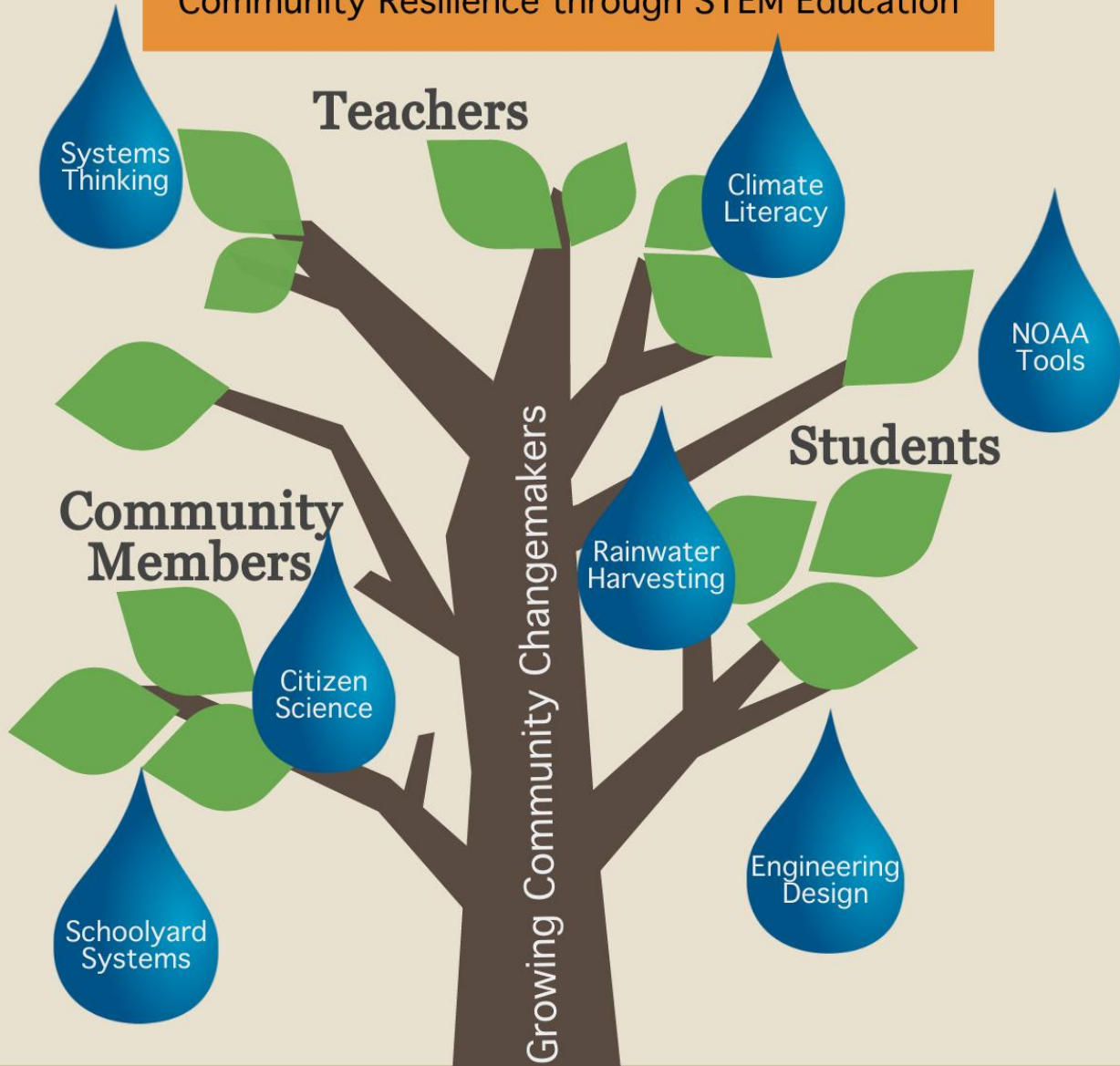


Recharge the Rain

Community Resilience through STEM Education



Overview

Recharge the Rain (RtR) is a multi-year project, that started in January 2017, to strengthen community resilience against hazardous events such as flooding, drought and extreme heat. **Watershed Management Group (WMG)** partnered with **Arizona Project WET (APW)** for this **National Oceanic and Atmospheric Administration (NOAA)** Environmental Literacy Program project. WMG is one of the foremost organizations training and assisting communities in water harvesting practices for sustainable living and healthy watersheds. **Arizona Project WET (APW)** develops water stewardship and STEM literacy by providing teacher professional development to evolve instructional practices and deepen content knowledge, direct student outreach to enhance classroom learning, and community engagement to involve adults in K-12 education.

Highlights Year 4: Jan 2020 – Dec 2020

- We are recruiting 20 more teachers interested in using rainwater harvesting to build community resilience to extreme weather for participation in our RtR Professional Learning Community (PLC).
- Working groups composed of new RtR teachers, mentor RtR teachers and team partners will be formed. The following questions could be used to guide the formation of the groups.
 - How do we engage students in actions, which could include designing and installing schoolyard rainwater harvesting systems, to build community resilience?
 - How do we build environmentally literate students that are knowledgeable in the ways to make their community more resilient?
 - How can students participate in active investigations of their school environment that also contribute to real-world scientific investigations?
 - How can students transfer their environmental knowledge through the arts and other means to build environmental literacy and equity in their community?
- Teachers are required to:
 - Attend all professional development sessions and working group meetings (dates and formats TBD).
 - Work closely with mentor teachers and RtR team to set working groups' goals and a work plan to meet those goals with students.
 - Work with students to achieve working group goals by December 2020.
 - Participate in public outreach events highlighting Recharge the Rain's role in building community resilience.
- Teacher stipends of \$500 will be issued in December 2020 upon completion of requirements.

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Apply Online at: <http://bit.ly/RtR2020app> or
https://uarizona.co1.qualtrics.com/jfe/form/SV_9MFVjwyBmQTh7hP