

# APOLLO 50

NEXT GIANT LEAP

## ANNIVERSARY STUDENT CHALLENGE

July 20, 2019 will mark the 50<sup>th</sup> Anniversary of the landing of Neil Armstrong and Buzz Aldrin on the Moon in Apollo 11. NASA's Northwest Earth and Space Sciences Pipeline will hold a celebration entailing a 5<sup>th</sup>-12<sup>th</sup> grade student drone and robotic challenge. **The Grand Prize for the winning team is a trip to Johnson Space Flight Center in Houston, Texas!**

### RECREATE THE LUNAR LANDING USING A DRONE AND ROBOT

**STAGE 1:** Register a team and design and submit a mission patch to NESSP (REGISTRATION OPENS FEBRUARY 1<sup>ST</sup>, 2019)

**STAGE 2:** Modify a drone that will represent your Apollo Lunar Lander. Fly it to a destination only seen via the drone camera. Extra points for team astronaut costumes or traditional community garments!

**STAGE 3:** Develop a pre-programmed robotic system to represent an astronaut who will explore the lunar surface and complete challenges to score points!



FULL DETAILS TBA FEB. 2019 [nwessp.org/apollo50](http://nwessp.org/apollo50)  
send questions to [apollo50@uw.edu](mailto:apollo50@uw.edu)

