



STANDARDS & CONNECTIONS:

NGSS.3-5-LS4-3, NGSS.MS-LS2-4, NGSS.MS-LS2-5, NGSS.HS-LS2-6

BACKGROUND:




“A PSA (Public Service Announcement) is a short informational clip that is meant to raise the audience’s awareness about an important issue. PSAs may include interviews, dramatizations, animations and many other types of video and audio content.”ⁱ “Dead zones are low-oxygen, or hypoxic, areas in the world’s oceans and lakes. Because most organisms need oxygen to live, few organisms can survive in hypoxic conditions.”ⁱⁱ This serious issue is happening in many places around the world including where you live. This is happening in rural and urban areas because of our polluted runoff. Current agricultural practices as well as the fertilizers we use at home are all contributing to our dead zones and killing the animals that live in these water ways.

SUGGESTED MATERIALS:

Poster board, crayons, markers, colored pencils, video equipment, computers

QUESTION:

How can we save dead zones?

		
CREATE	TEST & IMPROVE	SHARE
<p>Students will create a PSA to educate others in their school and community about dead zones.</p>	<p>Students will give a survey to school and community members and collect data on how effective their PSA was and make adjustments going forward.</p>	<p>Students will share what they have created and lessons learned.</p>



Research what your local community is already doing to help with this issue.

ⁱ The Pennsylvania State University. (2018). Public service announcement. Retrieved from <https://mediacommons.psu.edu/2017/02/14/public-service-announcement/>

ⁱⁱ <https://www.nationalgeographic.org/encyclopedia/dead-zone/>