





<p>Wade! This module is designed to help you explore how water affects your life every day. Wade is part of the Science category.</p>										
<p>5B-4. Discuss with your counselor the implications of these calculations as they relate to the effect of changes in land use on flooding, soil moisture, erosion, and point and non-point source pollution. What are the most common types of water pollution in your area, and how are these being impacted by land use? How might these be reduced?</p>										
<p>6. Choose ONE of the following options:</p>										
<p>6A. Research a disaster involving water, such as the receding Sarichef Island in Alaska, the 2011 Tōhoku tsunami, a hurricane, coral reef bleaching, sea level rise, etc. Determine the causes of the event, the damage caused, and how the area has recovered. Find out about any remediation that has occurred to restore the area to its pre-disaster state or efforts to prevent future damage from similar events. Share the results of your research with your crew and with your counselor.</p>										
<p>6B. Research the major functions of a sewage treatment plant. Describe to your counselor how it reduces the impact of sewage on aquatic life. List any pollutants that remain in the water after processing and their potential impact on aquatic life.</p>										
<p>6C. Visit a place where water is being processed either by man or by nature (wastewater treatment plant, naturalist center, conservation department, etc.) and discuss the processing with a professional. Discuss with your counselor what you learned, including the aspect(s) of "STEM" that are being used.</p>										
<p>7. Discuss with your counselor what you have learned while working on this award, and how water and the science of water affect your everyday life.</p>										
<p>Completed</p>										
<p>Presented</p>										