

One Health Challenge Scoring Rubric

<b>3 Points = Exemplary Work</b>	<b>2 points= Good/Average Work</b>	<b>1 point = Below Average Work</b>	<b>0 Points= Category is missing entirely</b>
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<b>Category</b>	<b>Description</b>					
<b>Engineering Design Process</b>						
<b>EDP</b>	Selected, identified, and explained an engineering design process on their poster					
<b>Poster</b>	Evidence of following an engineering design process					
<b>Prototype Design</b>						
<b>Aesthetics and Wearability</b>	The design is considers comfort, culturally sensitive designs, visually appeal, and durability.					
<b>Sensor selection and placement</b>	The sensors are appropriately selected and placed for the intended use of the device.					
<b>Functionality (High School Only)</b>	The device functions as intended					
<b>Feasibility</b>	Device works in selected environment and appropriately transmits data for intended target population					
<b>Sustainability/ Power</b>	Explanation of future iterations of design uses self-powered energy harvesting (current design does not need to be self-powered)					
<b>Middle School Bonus</b>	+2 - Device functions properly as intended +1 - Device works some of the time as intended					
<b>Advertising Campaign</b>						
<b>Why /Who</b>	The advertising campaign information on why the device is needed and who will benefit from its use					
<b>What/How</b>	The advertising campaign explains how to use the device and what the device does					
<b>One Health</b>						
<b>Explanation</b>	All group members can articulate the goals of the One Health Concept					
<b>Connection</b>	The device is a solution for a One Health topic					
<b>Presentation</b>						
<b>Ad Campaign and Poster</b>	The poster and ad campaign are visually appealing, cohesive, and concise					
<b>Verbal Communication</b>	All students in the group actively participate and any student can articulate any concept related to their project					

