

AMBIENT Project Rubric

Student Name: _____ Teacher _____ Date: _____

Rate your work by circling a box.

<i>Levels</i>	<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>
<i>Issues</i>	<i>Describe, define/identify</i>	<i>Discuss, use multiple sources</i>	<i>Explain scientifically</i>	<i>Evaluate and/or recommend</i>
<i>Definition Causes Sources Uses</i>	Dictionary definition, Form Evidence of it, How it interacts, persists and moves in the environment	Definition in the situation with examples, Sources (point, non-point), historical and/ or current uses	Scientific explanation, Routes, means of transport, primary vs. secondary, minor	Documentation of problem based on what is known, unresolved questions, missing or controversial data
<i>Health Effects</i>	Describe short and long term effects	Evidence of effects in different situations and with different populations	Scientific explanation of the physical, chemical, mental changes	Complete explanation of health effects, Recommendations for further study and diagnosis
<i>Exposure Routes Levels</i>	Primary routes of absorption, inhalation and ingestion; Harmful levels in humans	Levels by how long and how much exposure, Change in concentrations over time	Chemical reactions and physical effects of exposure in the primary routes	Routes and means for stopping exposure, Assessment of the total extent of contaminant in particular situations and locations
<i>Population</i>	Risk to different communities (real or perceived)	Reasons for relative effects including socio-economic status	Factors behind the different levels of risk (employment, lifestyle, culture)	Ways to prioritize and reduce relative risk in different communities (healthcare, access to remedies, real or perceived)
<i>Intervention Prevention Communi- cation</i>	How to protect yourself, What to do if you are exposed, How to find out more	Describe risky situations, Reasons for different treatments, How people are told about the risks	Explain scientifically why and how preventions and interventions work	Evaluate the preventions & interventions for different levels of exposure, Recommend, containment and solutions to fix it