

Making Our Diet Less S.A.D. Content Rubric

Skill	1. Initiating Process towards Meeting Expectations	2. Approaching Expectations	3. Meeting Expectations	4. Exceeds Expectations
<p>AP Environmental Science Standard: The principle of conservation of energy can be modeled by the energy transformations along food chains and energy production systems.</p>	<p>Student is able to describe the principle of conservation of energy through energy transformations along food chains and energy production systems, but is unable to differentiate between energy transformations and energy production.</p>	<p>Student is able to explain the principle of conservation of energy through energy transformations along food chains and energy production systems, but is unable to construct an effective model demonstrating energy flow.</p>	<p>Student is able to explain and model the principle of conservation of energy through energy transformations along food chains and energy production systems. The student can also apply the principle of energy conservation to different scenarios, but they may not have found solutions to decrease energy waste.</p>	<p>Student is able to explain, model, and apply the principle of conservation of energy through energy transformations along food chains and energy production systems. The student can also apply the principle of conservation of energy to new scenarios and suggest ways to decrease energy waste.</p>
<p>Environmental Systems TEKS- Knowledge and Skills- 2. Scientific Processes (I): <u>organize, analyze, evaluate, build</u> models, <u>make</u> inferences and <u>predict</u> trends from data.</p>	<p>Student is able to organize, analyze, and evaluate a model.</p>	<p>Student is able to organize, analyze, evaluate and build models.</p>	<p>Student is able to organize, analyze, evaluate, build models, make inferences, and predict trends from data.</p>	<p>Student is able to organize, analyze, evaluate, build models, make inferences, and predict trends from data. Student is able to apply the model of energy transfer through food chains and energy production systems.</p>