

**EXPLORATION 2: RUBRIC**

**Evaluate—Scoring Rubric:**

**Science and Engineering Practice**

4 Advanced	3 Proficient	2 Partially Proficient	1 Beginning
<p>Problem is clearly stated and relevant to the topic of urban food security and/or urban biodiversity. Sources of information are cited. Constraints and criteria are clearly defined and correlated to problem. Multiple design options are considered. Scientific argument supports selection of final design. Presentation includes diagram of proposed garden, rationale for design, anticipated benefits, and possible drawbacks. Presentation includes multiple perspectives.</p>	<p>Problem is clearly stated and relevant to the topic of urban food security and/or urban biodiversity. Constraints and criteria are clearly defined and correlated to problem. At least two design options are considered. Scientific argument supports selection of final design. Presentation includes diagram of proposed garden, rationale for design, anticipated benefits, and possible drawbacks.</p>	<p>Any one of the following: Problem is not clearly stated, and/or relevancy to the topic of urban food security and/or urban biodiversity is not clear. Constraints and criteria are defined, but may be only weakly correlated to problem. Only two design options are considered. Scientific argument supporting selection of final design is weak. Presentation is missing a required element.</p>	<p>More than one of the following: Problem is not clearly stated, and/or relevancy to the topic of urban food security and/or urban biodiversity is not clear. Constraints and criteria are defined, but may be only weakly correlated to problem. Only two design options are considered. Scientific argument supporting selection of final design is weak. Presentation is missing a required element.</p>