

Design a Garden Scoring Rubric*

Question/Criteria	Exemplary (4)	Proficient (3)	Adequate (2)	Needs Improvement (1)	Insufficient Response (0)
	All listed activities are identified with clear illustration, specific examples.	At least half of the listed activities are depicted with general examples but lack sufficient detail.	Activities are vague but accurate.	Activities are ambiguous and include misunderstandings.	Students did not address components of the question.
Choose appropriate location on farm Garden must be close to water and out of reach of animals, as some plants may be toxic to them.	Students selected an ideal location in sunlight - close to water - close to manure - away from animals	Students selected an acceptable location and provided adequate explanations but left out some considerations that make it ideal	Students selected an acceptable location but left out more than half of the considerations that make it ideal or did not explain the reasons adequately	Students did not select appropriate locations or explain their selections adequately	Student answers did not address appropriate location on the farm
Utilize resources appropriately Soil will have to be tilled and fertilized. Since the farm is moving toward organic, no chemicals or pesticides can be used.	Students explained in detail the processes involved - tilling - fertilizing - planting - watering - weeding - pest inspection and maintenance	Students explained most of the processes involved in adequate detail	Students explained less than half of the process involved in adequate detail	Students did not explain the appropriate processes involved in detail or included processes not used	Student answers did not address appropriate use of resources
Select appropriate produce to grow Students select plants that grow in Pennsylvania's climate, geography, weather, and seasons.	Students selected successful plants with the highest return on investment - tomatoes - sweet corn - beans - broccoli - cabbage - lettuce	Students selected successful plants that did not provide the highest return on investment	Students selected acceptable plants that provide a decent return on investment	Students did not select successful plants nor did they choose those that would provide good returns on investment	Student answers did not address appropriate produce to grow
Explain process of preparation for sale Students identify safe, healthy, and chemical-free methods of cleaning, packaging, and storing products for sale.	Students explained in detail the processes involved - harvesting - sanitizing - packaging - storing	Students explained most of the processes involved in adequate detail	Students explained less than half of the process involved in adequate detail	Students did not explain the appropriate processes involved in detail or included processes not used	Student answers did not address the process of preparation for sale
Identify how/where produce will be sold Students will plan where to sell their produce and how they will market their newest resources.	Students devised a marketing plan - farmers market needs - transportation - advertising - prices they will charge - staffing - costs involved	Students devised marketing plans that contained most of the important elements in adequate detail	Students devised marketing plans that contained less than half of the important elements in adequate detail	Students devised marketing plans that did not contain appropriate elements or included elements not used	Student answers did not address how/where the produce would be sold

* Adapted from ELI Climate Change