

## Sustainable Food Solution Activity

Sustainable Food Solution Activity	
<b>Step 1 – Understand the problem</b>	The problem is that the community requires a sustainable solution to growing more food.
	Checklist – Research and understand the problem
	identify and review resources related to the problem or design
	ask people who might use the solution or know or are affected by the problem
	review the existing knowledge related to the problem or design
	consider accessibility, bias, inequity, and sustainability
<b>Step 2 – Initiate and plan</b>	Checklist – Generate potential solutions
	brainstorm all ideas and possible solutions
	consider changing or modifying components of an existing solution
	consider new creative and innovative concepts that are different from existing solutions
	combine existing solutions with innovative ideas

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**Record brainstorming ideas:**

#### Step 3 – Perform and record

Checklist – Generate potential solutions

select the most appropriate solution

plan the design of the solution with a diagram, detailed audio or written piece, or another method of your choice

label all components that contribute to a sustainable solution

label and list all materials needed

consider how much time would be needed

if possible, construct a model or prototype of the design to demonstrate your ideas

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<p><b>Record an image or detailed description of the solution you would like to construct. Be sure to include a list of materials and step-by-step instructions.</b></p>	
<b>Step 4 – Analyze and interpret</b>	Checklist – Evaluate and revise the design
	if possible, seek feedback on your design
	consider incorporating other brainstormed ideas or feedback
	think about what you could change in your design to make it more sustainable
	think about what obstacles you might encounter and make changes

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### **Sustainable Food Solution Activity**

**Record the changes you made to your design and why you made them.**