

# Project-Based Learning STUDENT WORKBOOK



Journey  
2050™

This workbook belongs to:

Name: \_\_\_\_\_

School: \_\_\_\_\_

Grade: \_\_\_\_\_

Date: \_\_\_\_\_



## CALL TO ACTION

Take a look around you and think of how you can help feed the world.  
Pick one concern and come up with one idea to help fix it.

**You can make a difference.**



## ONE CONCERN

What local or global food sustainability issue are you addressing?

**LIST ONE CONCERN** you would like to focus on.

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## ONE SOLUTION

Identify **ONE REALISTIC SOLUTION** to address the concern.

Think of something **IMPACTFUL** that *you* could accomplish in your school, home, community, country and even world. It can be something new or something that already exists which could be done better.

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## HOW

How does your proposed change help address each element of the sustainable agriculture barrel?

## SUSTAINABILITY BARREL



**ECONOMIC**  
Profit, Creating Jobs,  
Incomes and Community

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**SOCIAL**  
Food, Education, Health  
and Infrastructure

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**ENVIRONMENTAL**  
Soil Health, Habitats,  
Water and Reducing  
Green House Gasses

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## WHERE

**My idea will start in...**

- |                                      |   |   |
|--------------------------------------|---|---|
| <input type="checkbox"/> My backyard | <input type="checkbox"/> Province/State | <input type="checkbox"/> Other _____      |
| <input type="checkbox"/> School      | <input type="checkbox"/> Country        | Describe where your idea will take place: |
| <input type="checkbox"/> Community   | <input type="checkbox"/> World          | _____                                     |

Describe where your idea will take place:

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## WHEN

**My idea will occur...**

- Right away     
  Next year     
  Other \_\_\_\_\_

Make a timeline for when you can make your idea a reality:



## MONTHLY TASK



## WHO

**My idea will need help from...**

- Family                     
  Clubs                     
  Government \_\_\_\_\_
- Friends                     
  Community             
  Other \_\_\_\_\_
- School                     
  Industry Experts

Make a list of people who you will need to contact:

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## WHY

### My idea will...

Describe why this idea will help world food sustainability, who is going to be affected by your proposed change? And, how will these individuals be affected? (both positive and negative):

### ISSUE

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### PROPOSED SOLUTION

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#### STAKEHOLDER 1

##### POSITIVE

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##### NEGATIVE

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#### STAKEHOLDER 2

##### POSITIVE

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##### NEGATIVE

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#### STAKEHOLDER 3

##### POSITIVE

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##### NEGATIVE

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#### STAKEHOLDER 4

##### POSITIVE

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##### NEGATIVE

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## WHAT IF

What are some **roadblocks** you may hit while making this change happen?

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## BUDGET

A budget describes where the money is being spent (Expenses) and where you are getting it from (Income). A detailed budget must include everything that you will be spending money on.

Some items or services may be donated. These are called 'in-kind'. They may include things like Mr. X from the school will be installing garden boxes and so while you are NOT paying him directly, someone else is, or he is volunteering his time. The dollar amount that you would have had to pay him can be considered in-kind. If people or an organization gives you materials, that too is considered in-kind. For example, maybe your school will be providing the paper and photocopying for your project. You will have to research how much that paper is costing the school to include it in your budget.

### EXAMPLE EXPENSES

ITEM	COST PER ITEM	# ITEMS	TOTAL PROJECT COST	TOTAL IN-KIND	TOTAL CASH NEEDED
Seeds	\$1.00 per sheet	50	\$50	\$0	\$50
Potting Soil	\$5/bag	50	\$250	\$0	\$250
Garden Tools	\$20/tool (gloves, shovels)		\$200	\$0	\$200
Garden Box	\$200	10	\$2000	\$0	\$2000
Installation Time	\$30/hr	20	\$600	\$600	\$0
<b>Total</b>			<b>\$3,100</b>	<b>\$600</b>	<b>\$2,500</b>



# BUDGET (CONTINUED)

## EXAMPLE INCOME

ORGANIZATION	\$COMMITTED, REQUESTED, PLAN TO ASK	TOTAL IN-KIND	TOTAL CASH FOUND
Schools	Committed by Principal (Mr. Smith will install garden boxes)	\$600	\$0
Donations from Company X	Plan to ask	\$0	\$1,500
Bottle Drive	Plan to coordinate	\$0	\$1,000
<b>Total</b>		<b>\$600</b>	<b>\$2,500</b>

## YOUR EXPENSES

Item	Amount per item	# items	Total Project Costs	Total In-Kind	Total Cash Needed
<b>Total</b>					

## YOUR INCOME

Organization	\$ Committed, requested, plan to ask	Total In-Kind	Total Cash Found
<b>Total</b>			



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