

Timeline of activities and responsibilities

Project Year: 1

Set up three (3) experimental dragon fruit growing plots. Each plot with 20 trellises each. Group #1 will use different trellises, Group #2 will use artificial lighting, Group #3 different hydration methods

Results Expected:

Criteria for Evaluating:

By the end of the project's twelfth (12th) month, 150 community members will participate in the project grand beginning. 60 trellises will have dragon fruit growing on them. Growth rates will be identified and categorized.

Sign-in sheets from the project grand beginning. Number of dragon fruit growing on trellises in the Koblerville student farming area. Students involved in the Dragon Fruit project will have drawings and graphs showing dragon fruit growth rates grouped by the different growing conditions.

Benefits Expected:

Criteria for Evaluating:

Half of the participating students (100) will be growing dragon fruit at their own homes. All students will be learning hands-on scientific method science.

Participating students will add photos and comments on their dragon fruit production in their personal google drive folders. The Young Farmer folders for dragon fruit production will be shared with Francis Mendiola.

Activities		Position(s) Performing the Activity		Time frame for activities	
		Lead	Other Support	Begin	End
1	Grand Beginning activity	Francis Mendiola	PTA president	08/01/19	08/30/19
2	Plot out 60 sites for trellises.	Francis Mendiola	KES Principal	08/01/19	08/30/19
	Add dragon fruit production to Koblerville young farmers activities	Francis Mendiola	John Mcguire	08/15/19	05/15/20
4	Purchase LED grow lights.	Francis Mendiola	Lawrence Duponchel	08/01/19	10/30/19
5	Construct raised grow beds, and trellises	Francis Mendiola	John Mcguire	08/01/19	10/30/19
8	Install grow lights for the 20 identified trellises.	Francis Mendiola	John Mcguire	09/15/19	07/13/20
10	Setup project web page	Francis Mendiola	Koblerville principal	10/15/19	12/15/19
	Field trip to Okeanos Marianas	Francis Mendiola	Koblerville principal	11/01/19	01/20/20

11	Produce posters, flyers, slide-shows, and radio announcements about dragon fruit and the Koblerville project	Francis Mendiola	Lawrence Duponchel	03/30/20	05/30/20
12	Share information and make assignments for putting up posters and sharing fliers at end-of-school year PTA meeting	PTA president	Francis Mendiola	03/01/20	05/31/20
13	Send documents to USDA on project progress	Francis Mendiola	Lawrence Duponchel	05/01/20	08/31/20

Project Year: 2

200 Koblerville students participating in hands-on science and the after-school farming/science activities will demonstrate business knowledge and skills.

Results Expected:

Criteria for Evaluating:

By the end of the project's twenty-fourth (24th) month, 200 students will receive instruction in business management, and will demonstrate their skills by promoting and selling dragon fruit.	Sales receipts from hotels, farmers's market, local produce sales vendors, grocery stores, and local sales at Koblerville Elementary School and other evidence uploaded to student google drives.
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Benefits Expected:

Criteria for Evaluating:

The young farmers, under STUCO supervision and direction will raise \$1000.00 or more from dragon fruit production. The money will be used to expand the dragon fruit project, and support, other STUCO activities. Students will have the opportunity to earn their own money through profit sharing and by producing their own dragon fruit at home.	Sales receipts showing \$1000.00 or more from the sale of dragon fruit, that have been uploaded to the student google drives.
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Activities		Position(s) Performing the Activity		Time frame for activities	
		Lead	Other Support	Begin	End
1	Presentation at 1st PTA of school year 2019-2021	PTA president	Francis Mendiola	08/01/21	08/30/21
2	Produce pamphlets on dragon fruit production and results of the experimental plots	Francis Mendiola	Lawrence Duponchel	08/01/21	08/30/21
3	Design new experiments based on results of experimental plots	Francis Mendiola	John Mcguire	08/01/21	10/30/21

5	Continue young farmers after school activities including business management instruction	Francis Mendiola	John Mcguire	08/01/21	5/30/21
6	Sell dragon fruit at the Saturday Farmers Market	Francis Mendiola	Lawrence Duponche el	10/01/21	05/30/21
7	Contact hotels, grocery stores, and local produce markets to purchase project produced dragon fruit.	Francis Mendiola	Lawrence Duponche el	10/15/21	07/13/21
8	Plan booth for Family Fun Day activities and participate in selling dragon fruit for the activity.	PTA president	Francis Mendiola	01/15/21	05/13/21
9	Present end-of-year progress report for the PTA to include fliers, slide show, and refreshments including dragon fruit.	PTA president	Francis Mendiola	05/01/21	05/30/21
10	Send documents to USDA on project progress	Francis Mendiola	Lawrence Duponche el	05/01/21	08/31/21

Project Year: 3

Dragon Fruit production will increase
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Results Expected:

Criteria for Evaluating:

By the end of the project's thirty-sixth (36th) month, locally grown dragon fruit will be growing at the homes of 100 or more Koblerville students.	Digital photos of locally grown dragon fruit for sale at the Saturday Farmers Market, different grocery stores, and as a selection at two or more hotel buffets. Evidence evaluated from uploaded documents to student google drives.
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Benefits Expected:

Criteria for Evaluating:

Students will enjoy the health benefits of fresh dragon fruit, the profits will circulate in the local economy, pollution from importing the fruit will be reduced, and the students will be more self-reliant	The Koblerville Young Farmers producing receipts showing sales of \$2000. or more; with evidence uploaded to student google drives.
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	Activities	Position(s) Performing the Activity		Time frame for activities	
		Lead	Other Support	Begin	End
1	Presentation at 1st PTA of school year 2019-2020 on the progress of the project.	PTA president	Francis Mendiola	08/01/21	08/30/21

2	Produce updated pamphlets on dragon fruit production and results of the experimental plots	Francis Mendiola	Lawrence Duponcheel	08/01/21	08/30/21
3	Convert all production plots to highest yield, and highest storm survivability, based on the experimental plots	Francis Mendiola	Lawrence Duponcheel	08/01/21	10/30/21
4	Continue young farmers after school activities including business management instruction	Francis Mendiola	John Mcguire	08/01/21	5/30/22
5	Sell dragon fruit at the Saturday Farmers Market	Francis Mendiola	Lawrence Duponcheel	07/01/21	05/30/22
6	Sell dragon fruit to hotels, grocery stores, and local produce markets to purchase project produced dragon fruit.	Francis Mendiola	Lawrence Duponcheel	07/15/21	07/13/22
7	Plan booth for Family Fun Day activities and participate in selling dragon fruit for the activity.	PTA president	Francis Mendiola	01/15/22	05/13/22
8	Present end-of-year progress report for the PTA to include fliers, slide show, and refreshments including dragon fruit.	PTA president	Lawrence Duponcheel	05/01/22	05/30/22
9	Meet with Hotel Association and Hotel district business leaders on the future needs for dragon fruit production	Francis Mendiola	Lawrence Duponcheel	2/01/22	07/30/22
10	Send documents to USDA on project progress	Francis Mendiola	Lawrence Duponcheel	05/01/22	08/31/22