







Can Gardening Positively impact?

- Child Health
- Childhood Obesity Rates
- Family health
- Family mealtimes
- Reach into the home





Why Evaluate Programs?

- Increase accountability to measure program impact and behavioral changes
- Beyond "customer satisfaction"

LGEG Evidence Based Outcomes

Significant Improvements in:

- MVPA
- Total Physical Activity
- Vegetables Consumption
- Vegetable Preferences Healthy Beverage Preferences
- Self-Efficacy & Knowledge
- Parent/child cooking, physical activity and gardening
 Reaches into the home to support positive family health practices
 - BMI Significantly Reduced for use of LGEG

Preliminary Conclusion: Family-focused garden, nutrition and physical activity programs significantly improve health behaviors in children.

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Elementary School Curricula

2021 Statewide Report

- 105 Texas counties participated, 5645 youth surveys completed; (3542 pre and 2103 post)
- Online surveys completed by children
- 92.5% children completing ages 7-11
- 34% Hispanic, 37% White, 10% African American, 4.1% American Indian or Alaskan Native, and 15% multi-racial or other

Junior Master 🔊 Gardener 🕬 growing good kids. **Elementary School Curricula**



2021 Statewide Report

- Increases in vegetable preferences for all 12 vegetables featured
- Increase water consumption
- 6 % decrease in students doing NO physical
- 6 % decrease in screen time of 2 hours or more
- 3.5 % increase in eating green vegetables, and 4% decrease in students eating NO green vegetables

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Elementary School Curricula

2021 Statewide Report

- 72 % students reported program participation made them better math and science student
- 74% students reported program made them want to come to school
- 61% students taught someone else to make good food choices
- 73% reported enjoying gardening with their

13





growing good kids.

Telling our story

- Allows for aggregation of data
- Youth programs developing parent and teacher surveys
- Need to continue work on fidelity of implementation
- · Continue to encourage completion of both pre and
- Online evaluations becoming easier through HOWDY Health portal

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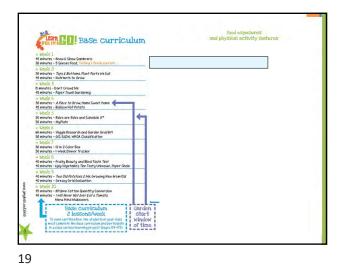
Telling our story

- AgriLife Extension Health programs EX: Learn, Grow, Eat, Go, Walk Across Texas, Color Me Healthy, Do Well Be Well, and others.
- What do these have in common? Measurement of fruit/vegetable consumption, water consumption, sugar sweetened beverage consumption, screen time, and physical activity

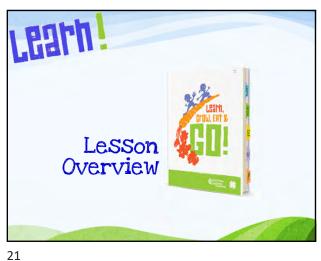
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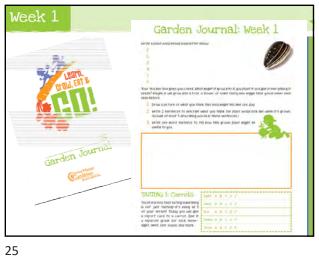






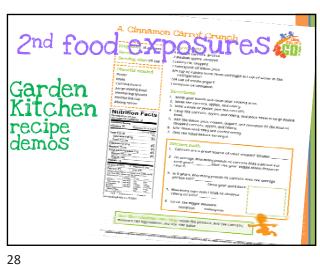


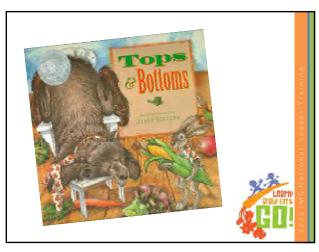


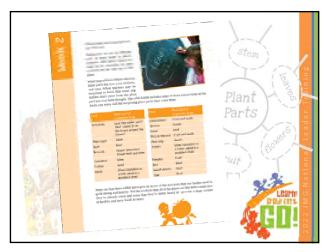


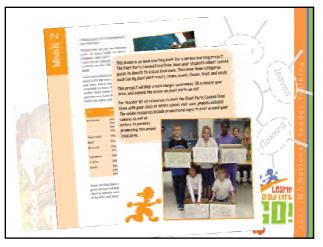


















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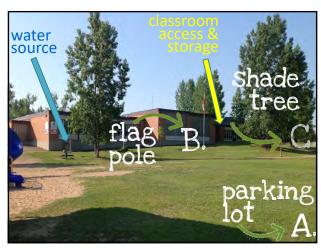




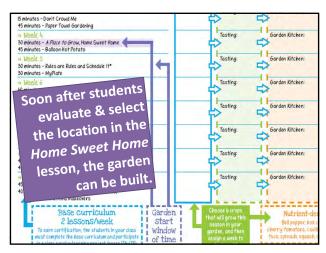


























www.JMGkids.us/ 52













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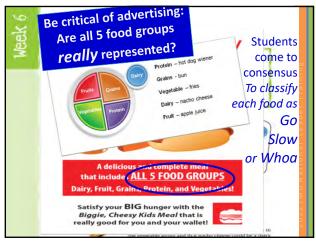


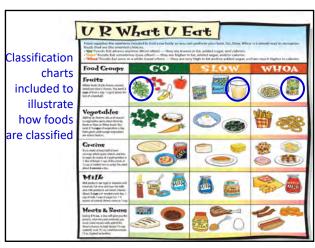


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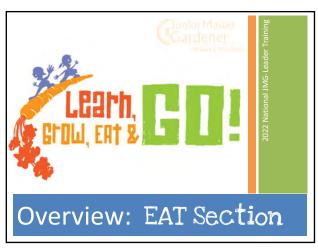








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nutrient-dense planting list
carrots Cauliflower
leaf lettuce spinach
broccoli bok choy
potatoes cherry tomatoes
swiss chard sugar snap peas
bell pepper squash
(choose 6 to plant in your
school garden)

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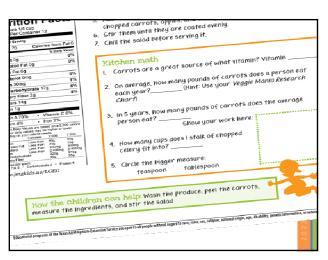


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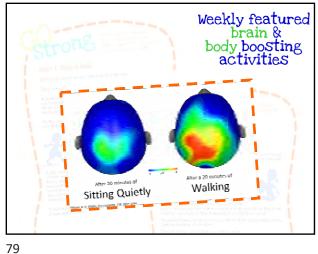




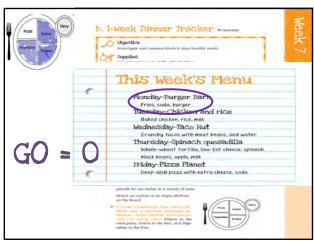


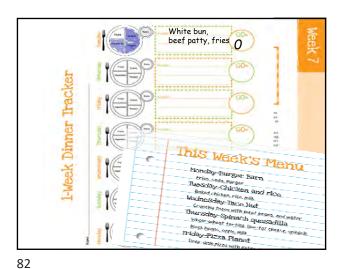


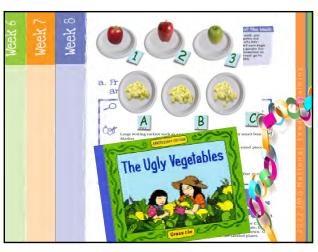






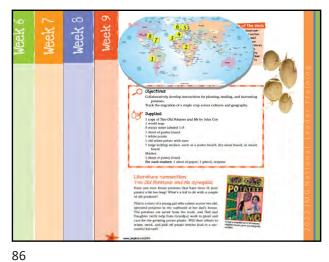




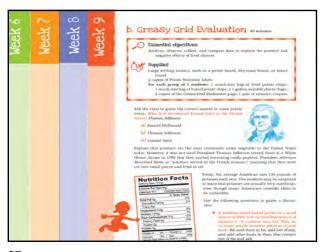






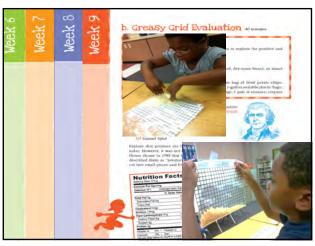


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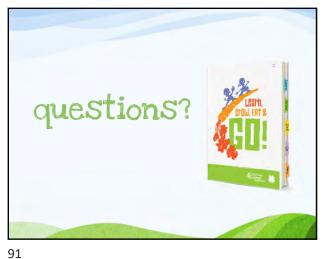


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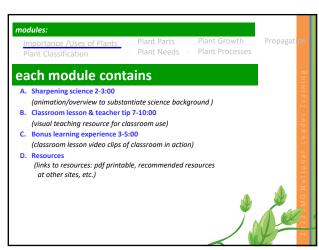




LGEG Teacher Course 2 Purposes As a teacher training course: Teacher CEUs per module Continually accessible As multimedia/web-based curriculum: Multimedia/multifaceted Includes printables from hard copy Allows for certifications Updateable

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>>>agrilifelearn.tamu.edu ✓ 4 CEU prof dev hours 1 full year access **Printable lessons** Easy-to-follow, 10 weekly modules •Sharpening Science components to provide the teacher leader helpful garden science/food science info Lessons modeled by teacher in public school

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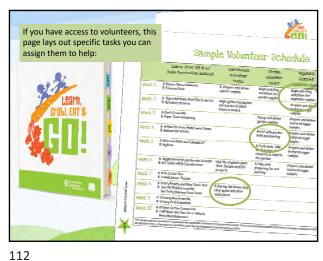
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Plant Needs & Parts Sons of the Week
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(To the fune of the Addoms Family Song)

Parts of the Plant
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LGEG Evidence Based Outcomes

Significant Improvements in:

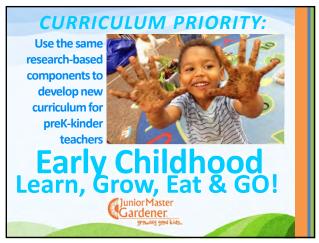
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Preliminary Conclusion: Family-focused garden, nutrition and physical activity programs significantly improve health behaviors in children.

FARLY CHILDHOOD LEARN, GROW, FAT & GO!

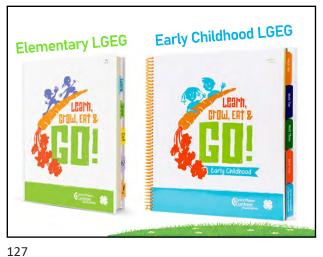
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Writing Team of Teachers/Content Experts
 Pilot Teacher Feedback
 * 80+ pilot teachers, across 20+ states (TX, VA, NE, LA, ID, WV, FL, NV, AZ, WV, MA, IL, GA, PA, KY, VA, HI, NC, WY, OK)
 * Over 750 lesson/activity reviews by teachers helped shape curriculum
 * Expert Reviewer Feedback
 * Early childhood/nutrition/youth gardening
 * TAMU, Nebraska, University of Nevada, Michigan State, North Carolina State, and University of Kentucky

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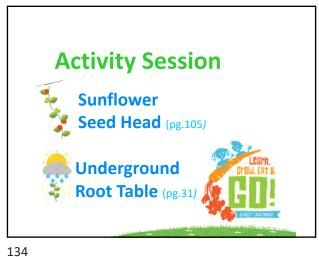




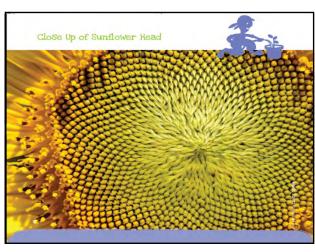
Lesson: How Do Plants Grow? Day GROW Activity: Finding a Garden Ho

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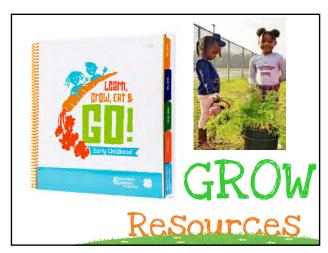
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GROWE

Garden Plantins Chart

Early Childhood LGE Instrumed Variables

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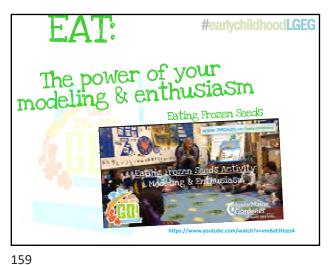


















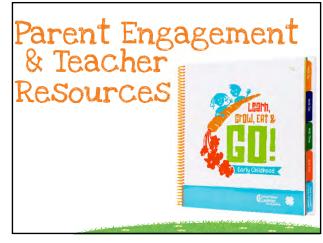
















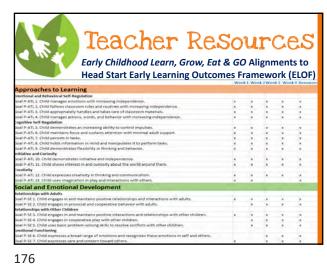


















www.JMGkids.us/earlychildhood Teacher Resources for Week 1: Plant Needs & Plant Parts video of class singing featured

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Replace **OUR GARDEN FAMILY NEWS** purple areas with your clas weekly news template customized, it can be saved as a PDF & emailed to your parents or posted

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Evaluation Early Childhood Learn, Grow, Eat & GO! FOR TEXANS TEACHER FEEDBACK Series Series Code: Thank you for your support of the Early Childhood Learn, Grow, Eat & GO! program. Please help us by considering each INDIVIDUAL child since beginning this program. He/she is more willing to taste fruits. 2. He/she is more of 3. He/she has increased their physical if you have not observed the behavior in that specific child.

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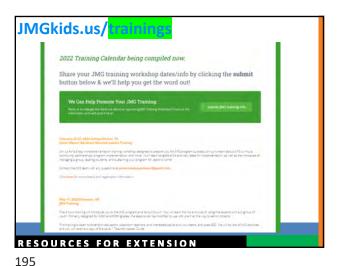








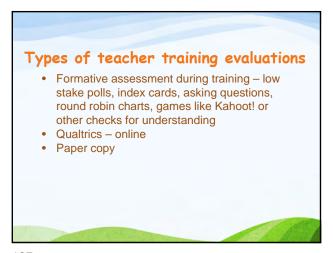




Junior Master Gardener growing good kids.

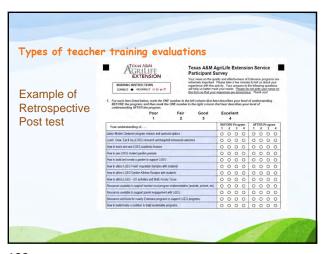
Training Evaluation

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Types of teacher training evaluations
 Pre/Post – Same survey given before training and then given again after training
 Retrospective post tests – One survey that allows participants to think about BEFORE the program and then AFTER the program.
 Likert scale – Usually scale measuring intensity of attitudes or opinions. Usually 3-5 item ranges.

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Types of teacher training evaluations

2. Phase indicate your intendiors to adopt each item fisted below or indicate if you have already adopted the item fisted or if it does not apply to your intendior.

Practice or technology that could be adopted ... where the text to the text to the program of the intendicate program my schoolocary.

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Contact my country Extension office for gaddening experts.

Contact my country Extension office for gaddening experts.

Thank you!

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How we use these to tell our story?

An Example: 3 R's - Relevance, Response, and Results

Program Description:
The Junior Master Gardener program conducted a half-day Junior Master Gardener Learn Grow Eat & GO Training from 8:30 a.m. – 12:00 p.m. June 29, 2021 for educators and volunteers at the TAMU Campus and Gardens.

Relevance
This in person training program provided teachers and youth educators the following:

• Overview of the JMG Learn, Grow, Eat & GO curricula and resources

• TAMU Garden tours and gardening instruction and use with youth

• Garden bed construction tips, implementation strategies and sustainability highlights

• Overview of JMG program planning to support local implementation and program sustainability

201 202

How we use these to tell our story?

An Example: 3 R's - Relevance, Response, and Results

Intention to Adopt

Implement the LGEG program in my school/county

Use LGEG academic lessons in my program

Use LGEG fresh samples and garden kitchen recipes in my program

71.4%

Use GG Activities and Walk Across Texas program in my school/county

Build a garden to support my LGEG program

Share information about LGEG and Extension with others in my community

Contact my county Extension office for gardening expertise

Contact my county Extension office for volunteer support for my classroom

42.9%

Utilize resources provided to support students and families in my school/county

42.9%

Evaluation of training programs

• We can share surveys

• Texas AgriLife employees/volunteers - Data assessment/evaluation group can run statistics

• Use results to "tell your story" through impact report

203 204



example: Scenario: I would like to implement the LGEG curricula in an elementary school in my county. I know that I will need funding for staff to support the program, volunteer/teacher training, curriculum materials, travel and supplies. **HOW do I start?**

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FUNDING: Steps for Success!

- · Background on specific program or project
- · Identify potential community/agency partners
- · How much money or supplies will you need?
- Draft your proposal or idea paper be specific
- Identify potential funding sources

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Use the background to **BUILD** your story!



What is important in the news today???

...nutrition, environment, farm to fork, local foods, academic achievement in schools, youth obesity, youth special populations,

Background of specific program/project

- Be specific people don't give you money just for grins!
- What program are you wanting to fund?
- Find out background on this program and any current or relevant research.
- How will this program benefit my county/clientele?
- How could I show a donor that this program meets a need and their funding dollars will make a positive impact!

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FUNDING: Steps for Success!

- Background on specific program or project
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- How much money or supplies will you need?
- Draft your proposal or idea paper be specific
- · Identify potential funding sources

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Identify Community/agency partners

Table sharing: 3 minutes!

Who could be some potential community and agency partners?

These will vary based on your location, but share ideas!

FUNDING: Steps for Success!

• Background on specific program or project

• Identify potential community/agency partners

• How much money or supplies will you need?

• Draft your proposal or idea paper – be

Identify potential funding sources



211 212

Build a Draft proposal

Partnerships/Collaborators

collaborators to determine interest

• Broader ask, instead of school specific

• Ask for letter of support for the project

If revenue will be split have them be

If they are simply stating their interest and support draft the letter for them!

a part of developing the proposal.

• Call or meet with potential

Could vary but donor, but most include:

- Needs Statement
- How your "program" addresses need Research
- How has your group risen to meet similar needs in the past
- Specific request Measurable goals!



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Budget Section

Things to include:

- Money requested and date needed
- Proposed budget either by goal or by category
- Make sure numbers are realistic
- Tables make budget items easy to read
- Include benefits if required
- Include overhead for management of funds
- Budget narrative include support after grant!

FUNDING: Steps for Success!

- Write a GREAT cover letter that summarizes need and proposal
- Finalize Proposal for donor make it professional and POP
- Ask others to review your proposal Is it clear? Is it realistic in terms of time and money needed?
- Do you have collaborators?
- Always best if you can get a face to face meeting!
- Happy donors usually give again! Involve your donors in your programs



FUNDING: Steps for Success!

- Background on specific program or project
- Identify potential community/agency partners
- How much money or supplies will you need?
- Draft your proposal or idea paper be specific
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217 218

More funding opportunities

- Internal Extension funds: SNAP funds, local Master Gardener or 4-H funds
- If you have one, use your state 4-H
 Foundation to identify donor prospects
- School education foundations
- Garden clubs or other community organizations

An Example: SNAP Funding - Texas

Funding opportunities

Learn about regional foundations in your area

 https://texasfarmbureau.org/youth/ag-in-theclassroom/ – garden grant program, stipend for

https://kidsgardening.org/grant-opportunities/-

https://www.fns.usda.gov/cfs - National Farm to

Youth Garden Grant, Budding Botanist Grant,

Little Seeds Pollinator Pals Grant, etc.

big box stores, grocery stores, etc.)

www.foundations.org

training for teachers, etc.

School Grant Program

• Individuals, Organizations, Local businesses (local





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Commitments

- · Principal/school commitment letter
- Teacher Match Form

Funding ***

- County Better Living for Texans funds
- Supplemental LGEG funds
 County Supplemental LGEG Funds
 Request Form
- · Community donations

Note: LGEG funds dependent on Health and Human Services funding

Survey -

Pre and Post Evaluation



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Implementing the program...

> Purchasing Supplies

- · Curriculum and materials
- LGEG Supplies List
- Supplies appropriate for purpose and of reasonable cost (if inappropriate – may be asked to return item or pay with other funds)
- Teaching gardens

Teacher Involvement

- Teacher led activities
- / Minimum of 40 hours per school/site
- Record match time

Surveys **







