

PROJECT CHALLENGE

2009 FLORIDA SCHOOL GARDEN COMPETITION



THE LEARNING GARDEN

2009 Florida School Garden Competition
ENTRY FORM

School Roulhac Middle School, Vernon Elementary School,
Kate M. Smith Elementary School, Vernon Elementary School
Washington County School District Gifted Ed. Program

Teacher(s) & Grade(s) involved in garden program

Jennifer Sapp - Grades 2-7

Contact Person Jennifer Sapp or Julie P. Dillard (4H Agent)

Time contact person can be reached 8am - 3pm

Phone (850) 415-5001

Fax (850) 438-4181

Address (please include city and zip code)

1424 Jackson Ave, Suite A

Chipley, FL 32428

Email address juliepd@ufl.edu

CATEGORY (Please mark only one)

SINGLE CLASS GARDEN (Garden used by one class only)

Number of students in class and grade _____

MULTIPLE CLASS GARDEN (Garden used by more than one class or grade,
but not by the entire school)

Number of students involved in the garden and grades 51 - grades 2-7

ENTIRE SCHOOL GARDEN (Garden that is used by all grade levels at the
school)

Number of students involved in the garden and grade _____

TYPE of school garden that you use with your students. (Please mark only one)

Vegetable

Flower

Combination vegetable/flower

Other, please specify Flowers + Trees, Shrubs

Please indicate the number of hours a week, on average; your students spend in the garden. 5

1. Please mark all the activities that your students participate in prior to gardening.

Planning the garden Preparing the garden

Designing the garden Choosing plants

Other, preparing site for garden

2. Please mark all the activities that your students participate in while in the garden.

Planting Watering Weeding

Observing Recording Harvesting

Playing Sitting Fertilizing

Experimenting

Other, _____

3. Please indicate the percentage of time, on average, that you used the garden as an instructional tool in your classroom. _____

4. Please mark the subject area(s) into which you have incorporated school gardening. Check all that apply.

Math Science Social Studies

History Health/Nutrition Language Arts

Music Physical Ed. Environmental Ed.

Ethics (responsibility and nurturing)

Other, please specify _____

5. Please indicate the number of years that a school garden has been part of your curriculum. _____

6. Please indicate the types of volunteers that have helped you and your students with the garden.

Master Gardeners Senior citizens Parents

University students Garden club members 4-H members

High school students FFA

Older students at your school

Other, please specify _____

7. Please indicate the source(s) of information used to assist in the incorporation of school gardening into your school's curriculum. Check all that apply.

- | | |
|--|--|
| <input checked="" type="checkbox"/> County Extension service | <input checked="" type="checkbox"/> 4-H education materials |
| <input type="checkbox"/> Teacher in-service training | <input type="checkbox"/> Lifelab |
| <input type="checkbox"/> Personal knowledge | <input checked="" type="checkbox"/> Master Gardener training |
| <input type="checkbox"/> Educational journals/publications | <input type="checkbox"/> Friends/volunteers |
| <input type="checkbox"/> National Gardening Association's Growlab/Growing ideas newsletter | |
| <input type="checkbox"/> Other, please specify _____ | |
| _____ | |
| _____ | |

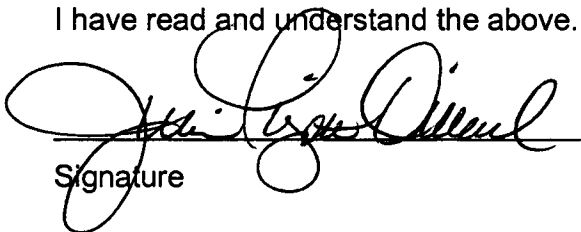
8. Please indicate the types of educational material(s) used in the classroom to support the use of school gardening in the curriculum.

- | | |
|--|--|
| <input type="checkbox"/> Library books | <input checked="" type="checkbox"/> Computer software |
| <input checked="" type="checkbox"/> Internet | <input type="checkbox"/> Videos |
| <input type="checkbox"/> Filmstrips | <input type="checkbox"/> Personal books |
| <input type="checkbox"/> Textbooks | <input type="checkbox"/> Experiments |
| <input type="checkbox"/> Trade books | <input checked="" type="checkbox"/> Gardening magazines and catalogs |
| <input type="checkbox"/> Newspapers | |
| <input checked="" type="checkbox"/> Other, please specify <u>Presentations by local UF/IFAS Horticulture Extension Agent</u> | |
| _____ | |
| _____ | |

Please read and sign below

By submitting the same you acknowledge and agree that the University of Florida (and Walt Disney World Co.) may reproduce the same, and all materials may be displayed (in part or in whole) at the 2010 Epcot® International Flower and Garden Festival and for other promotional materials. Such presentation materials (and School Garden packets) will NOT be returned to you (they will become the property of the University of Florida and Walt Disney World Co.) Finally, you acknowledge and agree that should your school be selected as a winner under the competition, then to the extent any of the photographs or materials submitted contain the names of likeness of students, teachers and/or others, you will be required to have adult individuals sign (and the parents/guardians of such students) sign consent/release forms provided by us so that we can display those photographs or materials concerning your winning garden. Such requirement would be a condition of your accepting the award.

I have read and understand the above.


Signature

3/1/09
Date

Description of School Garden – Project Challenge: The Learning Garden

EDUCATIONAL RELEVANCE

How is the garden used for interdisciplinary learning; what subjects are emphasized?

- Since the beginning of this project, The Project Challenge Learning Garden has emphasized the following subjects:
- English/Language Arts – Students learned how to write a grant, to express themselves using proper grammar and expression. This subject will be further emphasized as students will use the garden in journaling activities as a starting point for some of their journal topics. Students also used research skills to learn about plant varieties and plant selections appropriate for their garden.
- Math – Many aspects of math continue to be used in the garden from very beginning of the project to now. Students calculated the square footage of the garden space and developed and worked with a budget using \$450 in grant funds. They will also continue to use math in determining the amount of water needed for plants, the amount of mulch needed in the garden as well as fertilizer application rates. Students will also learn how to calculate lumber costs and materials needed to build picnic tables to add to the garden.
- Science – The students consider the Learning Garden to be their hands-on science project as they have learned about the basics of plant anatomy, native Florida plants, plant nutrient requirements, fertilizer application, insect identification and treatment and water conservation techniques.

What resources are used to facilitate garden learning?

- The UF/IFAS Washington County Extension Office has been the main resource in facilitating garden learning. The 4-H Youth Development Agent has provided us with 4-H Cooperative Curriculum System project books including, “See Them Sprout,” “Let’s Get Growing,” “Take Your Pick” and “Growing Profits” in which the students do activities that are directly related to plants and gardening.
- The following competencies are addressed through these project books: acquiring knowledge, using scientific methods, technology, making career decisions, managing resources, communication, applying leadership skills, taking community action, volunteering and conserving the environment.
- The Horticulture Agent provided us with lessons in landscape design and principals as well as plant selection.

What Florida Sunshine State Standards are addressed with the garden?

MATH

- MA.6.A.1.3: Solve real-world problems involving multiplication and division of fractions and decimals.

- MA.6.A.2.1: Use reasoning about multiplication and division to solve ratio and rate problems.

LANGUAGE ARTS

- LA.6.6.2.1: The student will select a topic for inquiry, formulate a search plan, and apply evaluative criteria (e.g., relevance, accuracy, organization, validity, currentness) to select and use appropriate resources;
- LA.6.6.3.2: The student will demonstrate the ability to select and ethically use media appropriate for the purpose, occasion, and audience.

SCIENCE

- SC.8.L.18.1: Describe and investigate the process of photosynthesis, such as the roles of light, carbon dioxide, water and chlorophyll; production of food; release of oxygen.
- SC.4.L.17.4: Recognize ways plants and animals, including humans, can impact the environment.

LEVEL OF INVOLVMENT

How does the garden promote student leadership?

- Work in the Learning Garden has promoted cooperation and teamwork skills among students that many of today's youth are lacking. This is also considered to be a critical needs area in gifted learners. It has also allowed students who have gardening knowledge or skills step forward and take a leadership role in peer teaching and assisting other students with help throughout the project. Other leadership skills that have been emphasized have been the democratic process. Because students have also formed a 4-H Club, they have officers who run meetings and voting processes. Students actively participated in voting on their budget and the types of trees and plants to go in the garden.

Are there partnerships with garden-related organizations?

- The Washington County Master Gardeners have pledge their support to assist students on work days with help including applying fertilizer, pesticides and herbicides and routine maintenance including weeding and watering the garden during school holidays.

What type of school support is there for the school garden program?

- The Washington County School District designated ½ acre specifically for the Project Challenge Learning Garden. The school district will continue to mow and weed-eat the area as well as remove construction debris from the garden area. The school district's maintenance department has already assisted students with getting water spigots set up in the area as well as applying pesticides to remove ant beds that were in the garden area and removing construction debris left over from a recent roofing job on the building.

What type of community support is there for the school garden program?

- Several local businesses have donated services that we would not have been able to afford given the limited amount of grant funds received to begin the Learning Garden. ABC Fence, Inc., donated over \$200 in mulch to the Learning Garden. Picnic tables to add to the garden are being built by parents who are fronting half the cost of materials with Project Challenge paying the other half of costs. Graphic Designs and Signs is donating 10 placards, valued at \$25 each, to place around the Learning Garden to tell about the kinds of plants, water conservation techniques and other gardening information.

GARDEN QUALITY

How/by whom was the garden designed?

- Students learned about the principals of landscape design from Collin W. Adcock, Horticulture Agent with UF/IFAS Washington County Extension. Adcock taught the students drawing principals and elements, plant elements and color techniques as well as site analysis and design construction. Hands-on activities followed with each student assessing the current area then going back and designing a garden layout. Each student created a garden design and submitted it to be reviewed. Five top designs were chosen and integrated into the final design. The top two student designers assisted Adcock with the final garden plan and design.

What qualities make this garden unique?

- The most unique quality of the garden is that its design was the creation of the Project Challenge students. While they were given guidance and direction, they laid out all plant materials and did all of the work themselves from site preparation to mulching. Another unique quality is that placards will be added to the garden to teach others about the plants in the garden as well as conservation techniques that can be implemented in their own gardens.

How is the garden cared for and maintained?

- The Washington County School District is providing routine maintenance including mowing and weed-eating. During the school week, students visit the garden for 30 minutes each day to remove weeds, water plants and check on the progress of their plants. Washington County Master Gardeners will also provide help with the garden as requested.

How were the plants selected and used?

- The Horticulture Agent came up with a list and created a Power Point presentation with the pictures of the plants so that they students could choose their favorites. Due to cost constraints, we were not able to use some of the chosen plants, but it was a good lesson on operating on a budget. The main purpose of the plants that were chosen was for beautification – to create a park-like setting that could be used not only to teach the students but also for them to enjoy being about. Fragrant shrubs were chosen to attract butterflies and beneficial insects. Vines were also planted to cover areas of fencing. The tree selections that were made included species that would grow quickly to provide shade in the area. The plants were

purchased from D & J Nursery in Dothan, Alabama. We were able to purchase more plants than expected because of the excellent prices they gave us.

- The final tree selections included:
 - Redbud tree (4)
 - Flowering Cherry (2 - 1 purchased, 1 donated)
 - River Birch (1 donated)
 - Crape myrtle (1)
- The final shrub/vine selections included:
 - Dwarf Gardenia (6)
 - Rose of Sharon (1)
 - Indian Hawthorn (10)
 - Knock-Out Rose (5)
 - Shi Shi Camellia (3)
 - Star Jasmine (3)
 - Lantana (to be planted this month)

Is there an environmental focus to the garden program?

- The main environmental focus to the garden was to have both low-maintenance and drought tolerant plants. Because the garden will not be used by students from June until mid-August, it was important to have plants that would require very little maintenance. Plant selections were also made that would attract beneficial insects into the garden.







IFAS Extension
4-H Youth Development
Events Office

3103 McCarty Hall B
PO Box 110225
Gainesville, FL 32611-0225
352-392-4308
352-392-9984 Fax

November 24, 2008

Project Challenge 4-H Club
1424 Jackson Avenue Suite A
Chipley, FL 32428
Attn: Jennifer Sapp

Dear Project Challenge 4-H Club 4-H Club,

Thank you for submitting a Community Pride Proposal this year. We were pleased to receive 34 excellent proposals. After our committee reviewed all the proposals, we are able to fund your Community Pride project with a \$450 grant. The committee would like to see the grant money first spent on these items noted from your proposal:

-Buy plants first

The committee felt this was a great learning opportunity and wishes they could fund it more. They would encourage you to seek additional funds from local businesses. Please share these comments with everyone who contributed to the proposal.

The check has been sent to your county extension office and your 4-H Agent will distribute the money to your club. Please allow a few weeks for the University to process the checks and mail them to your county office.

The Florida 4-H Foundation would like to encourage you to submit an article to your local newspaper showing the wonderful work completed. Be sure to mention Chevron Corporation as sponsoring your project. When your article gets published, send three copies to the Florida 4-H Foundation to help us show Chevron the impact their donation is having on communities across Florida.

Congratulations and we salute you for making an impact on your community through service projects such as the one you are about to begin. We encourage you to measure the success of your project and to develop another project proposal to submit next year. Please check the Florida 4-H website, www.florida4h.org, for the NEW Community Pride Report form. We look forward to receiving your Community Pride Report June 1, 2009!

Sincerely,

Community Pride Review Committee



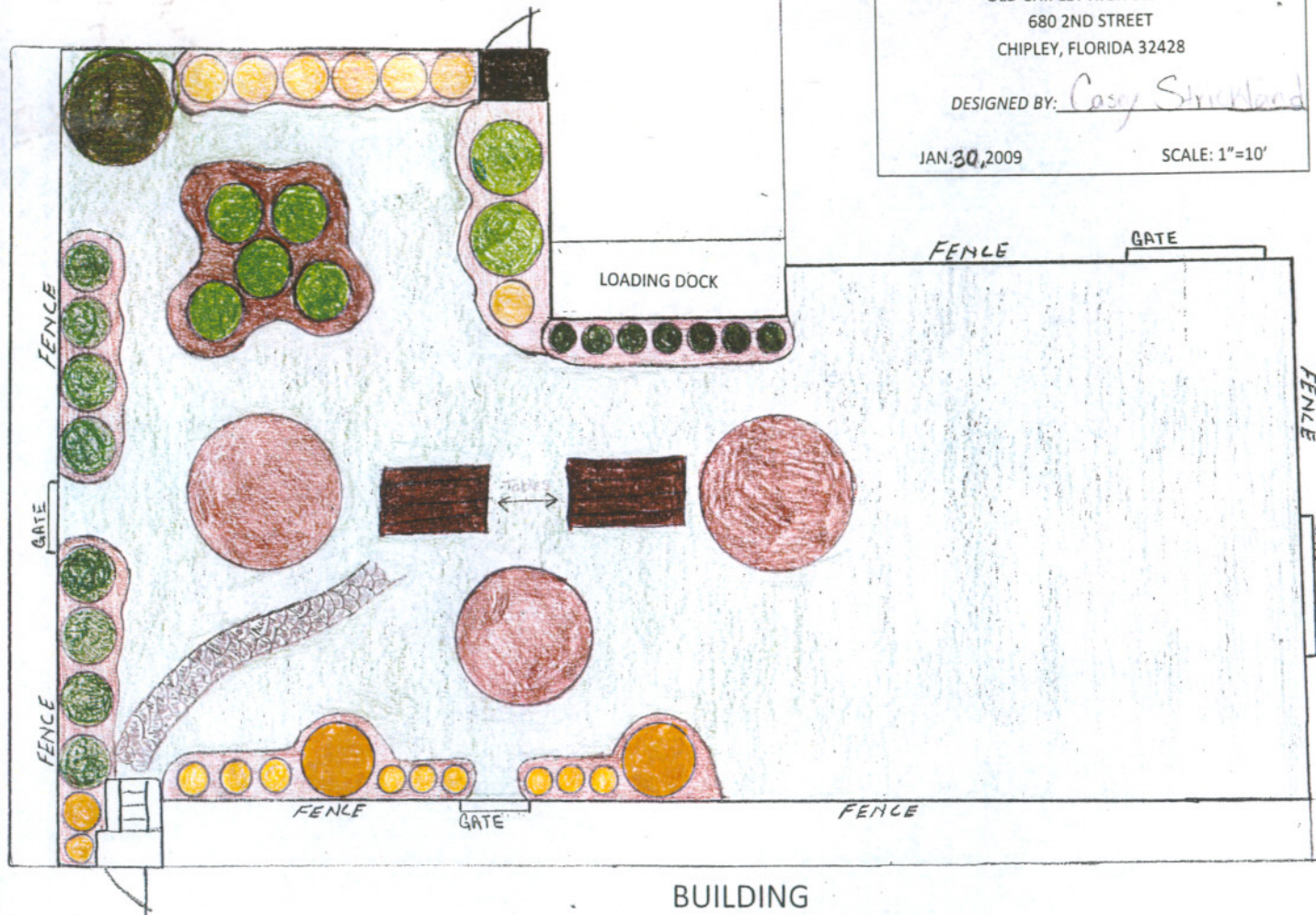
AUDITORIUM

PROJECT CHALLENGE COMM. PRIDE OUTDOOR CLASSROOM

OLD CHIPLEY HIGH SCHOOL
680 2ND STREET
CHIPLEY, FLORIDA 32428

DESIGNED BY: *Casy Strickland*

JAN 30, 2009 SCALE: 1"=10'

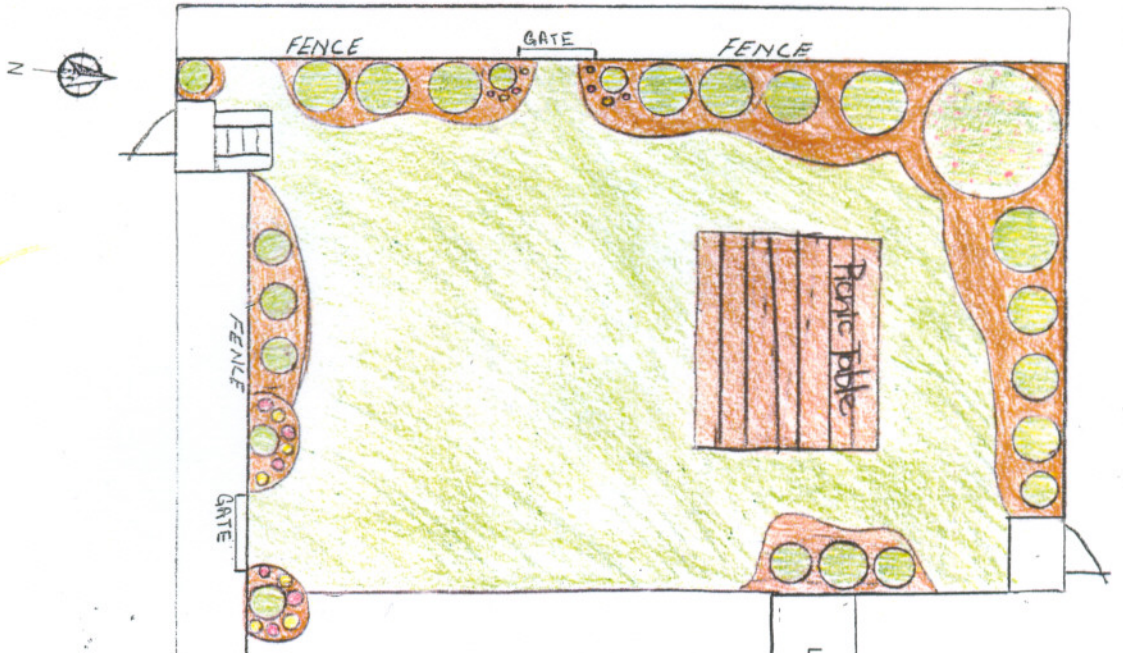


- Very Colorful
- Nice Bedlines
- Very Neat!!!
- Good use of Principles
- Very Creative
Great Job !!

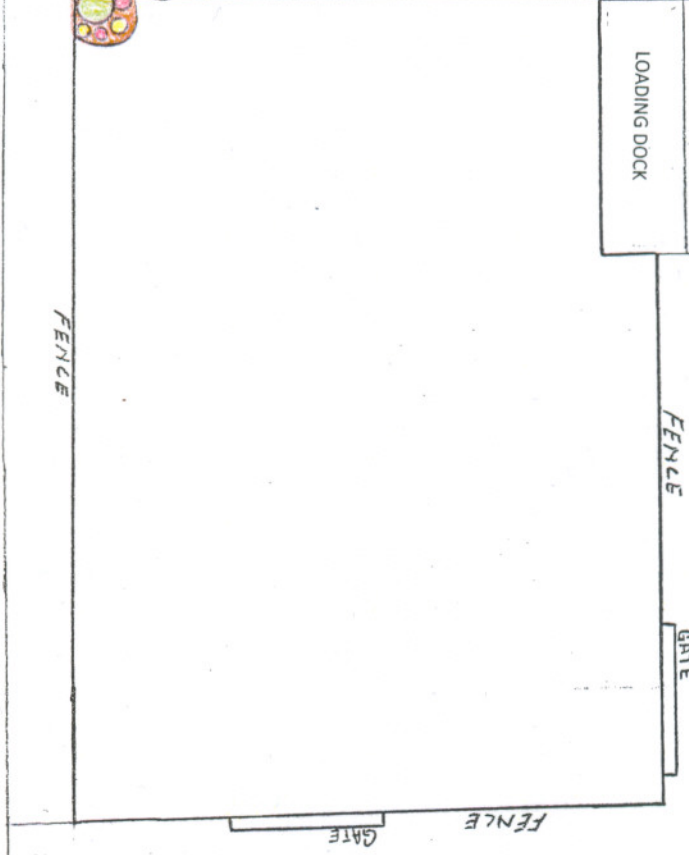
BUILDING



AUDITORIUM



BUILDING



PROJECT CHALLENGE COMM. PRIDE OUTDOOR CLASSROOM
 OLD CHIPLEY HIGH SCHOOL
 680 2ND STREET
 CHIPLEY, FLORIDA 32428
 DESIGNED BY: *Madison Ball*
 JAN 30, 2009 SCALE: 1"=10'

*Very Balanced
 Very Nice
 Nice Bedlines
 Great use of Principles
 Design III
 Excellent !!!*

AUDITORIUM

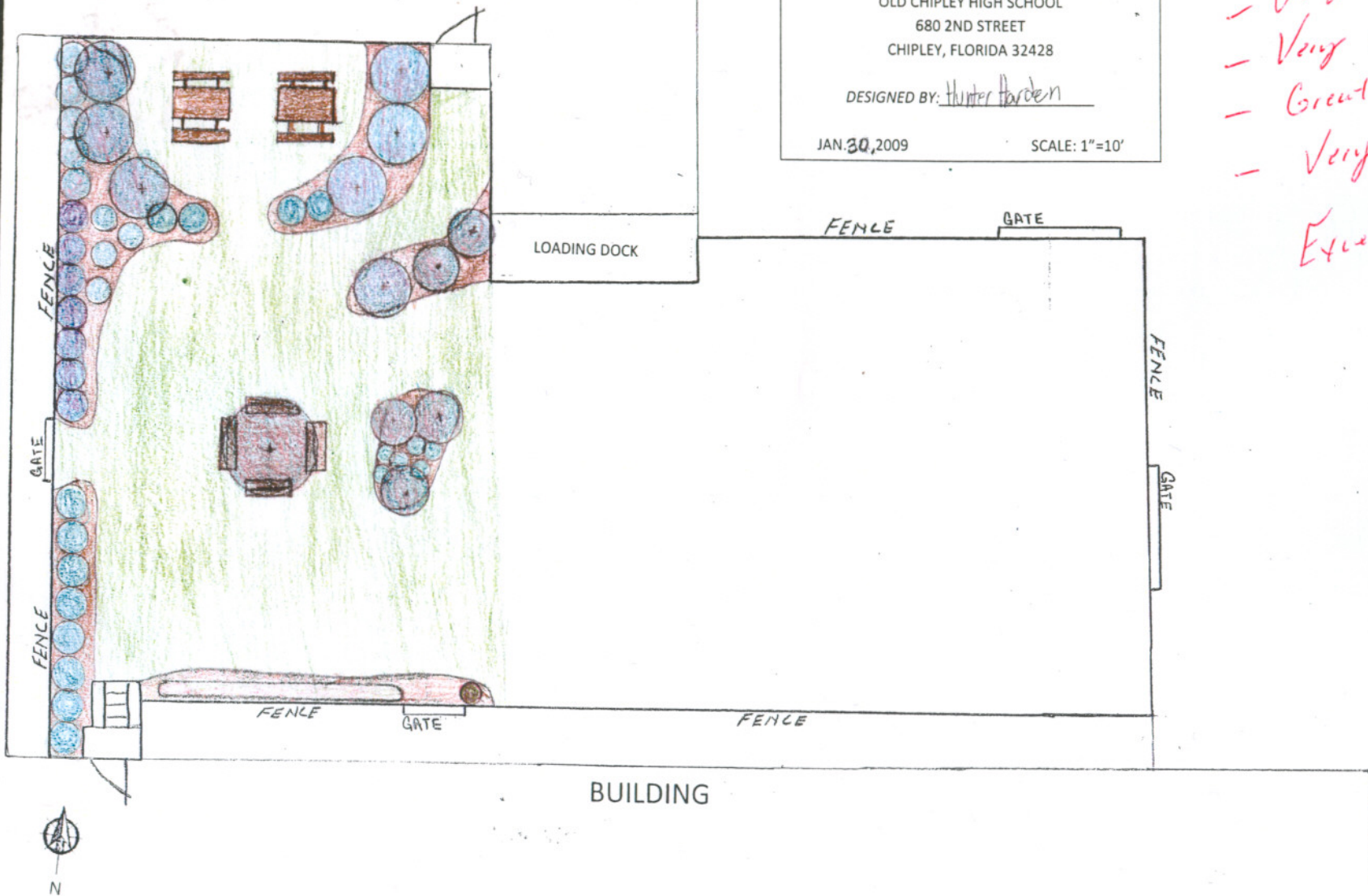
PROJECT CHALLENGE COMM. PRIDE OUTDOOR
 CLASSROOM

OLD CHIPLEY HIGH SCHOOL
 680 2ND STREET
 CHIPLEY, FLORIDA 32428

DESIGNED BY: Hunter Garden

JAN. 30, 2009 SCALE: 1"=10'

- Very Colorful
- Very Neat
- Great Bed lines
- Very Creative
Excellent!!



BUILDING



AUDITORIUM

PROJECT CHALLENGE COMM. PRIDE OUTDOOR CLASSROOM

OLD CHIPLEY HIGH SCHOOL
680 2ND STREET
CHIPLEY, FLORIDA 32428

DESIGNED BY: Ashlyn Jeffers

JAN 30, 2009

SCALE: 1"=10'

- Very Creative
- Very Colorful
- Great Plant Placement
Very Good Job!



LOADING DOCK

FENCE

GATE

FENCE

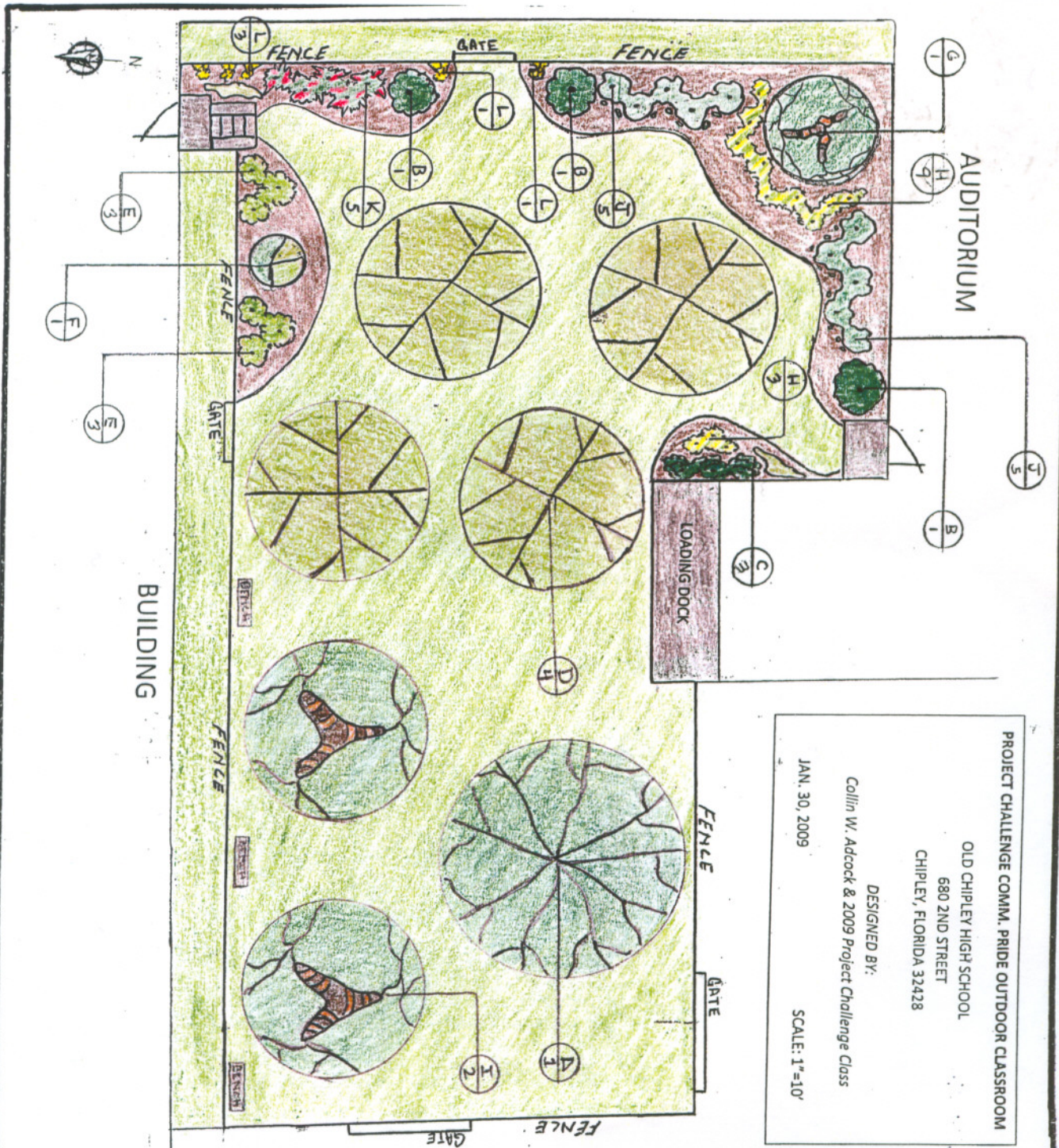
GATE

FENCE

GATE

BUILDING





PROJECT CHALLENGE COMM. PRIDE OUTDOOR CLASSROOM
 OLD CHIPLEY HIGH SCHOOL
 680 2ND STREET
 CHIPLEY, FLORIDA 32428

DESIGNED BY:
 Collin W. Adcock & 2009 Project Challenge Class
 JAN. 30, 2009

SCALE: 1"=10'

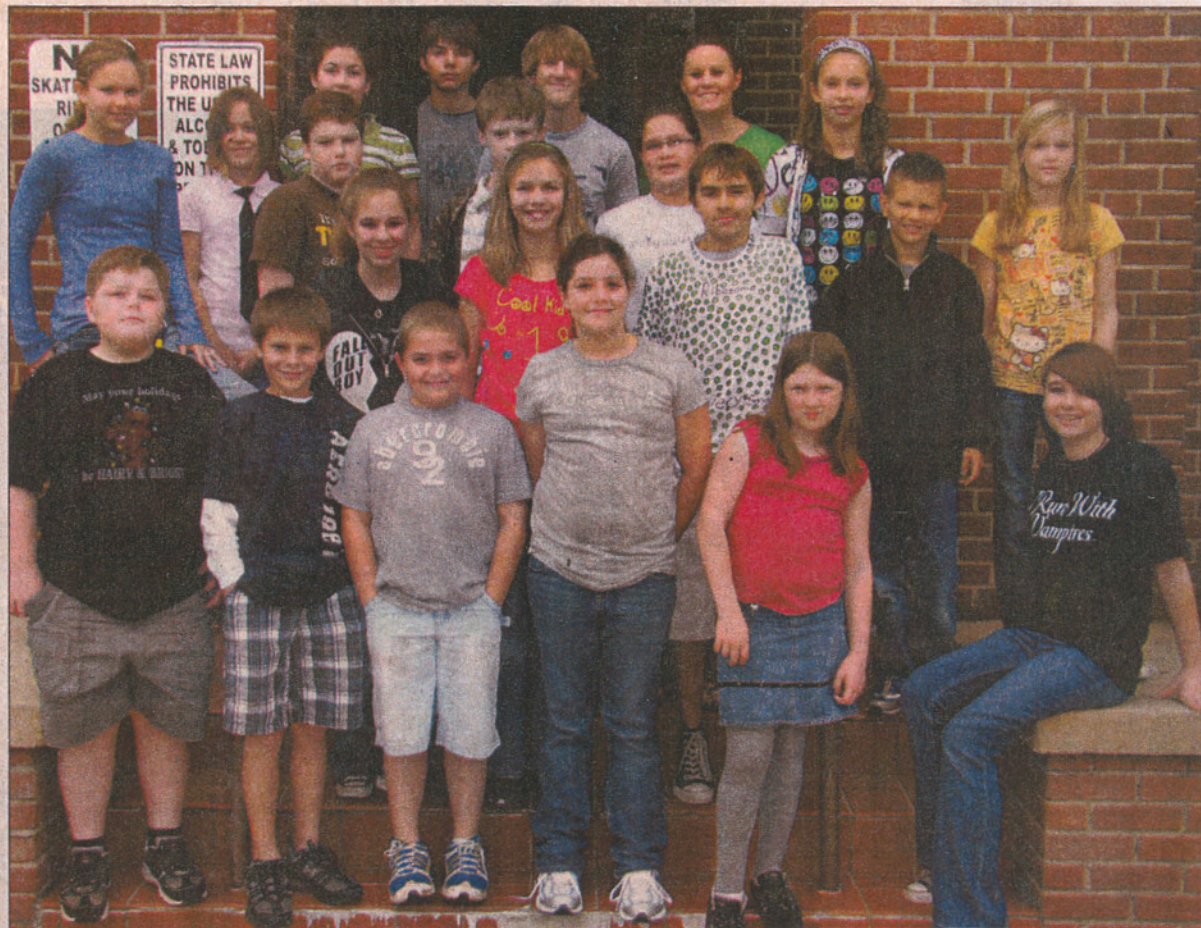
PLANT LIST			
SCIENTIFIC NAME:	COMMON NAME:	QTY:	SIZE:
A <i>Betula nigra</i>	River birch	1	3 gal
B <i>Camellia sasanqua</i>	Sasanqua camellia	3	3 gal
C <i>Camellia sasanqua</i> 'Shi-Shi Gashira'	Shi-Shi camellia	3	1 gal
D <i>Cercis canadensis</i>	Redbud	4	3 gal
E <i>Gardenia jasminoides 'radicans'</i>	Dwarf gardenia	6	1 gal
F <i>Hibiscus syriacus</i>	Rose of Sharon	1	1 gal
G <i>Lagerstroemia indica 'Tuscarora'</i>	Crapemyrtle	1	3 gal
H <i>Lantana camara</i>	Lantana	12	1 gal
I <i>Prunus x incamp</i>	Okame cherry	2	3 gal
J <i>Rhaphiolepis indica</i>	Indian hawthorn	10	3 gal
K <i>Rosa hybrida 'Knockout'</i>	Knock out rose	5	3 gal
L <i>Trachelospermum jasminoides</i>	Confederate jasmine	5	1 Gal

Young 4-H Club ready for Project Challenge

CHIPLEY — Project Challenge 4-H Club will soon begin beautifying an area of Historic Chipley High School thanks to a grant that they received from the Chevron Corporation. Each year, Chevron supports state 4-H foundations across the United States to grant money to 4-H clubs to complete a community service project.

Service learning is a trait that 4-H strives to instill in its members through hands-on projects. The Project Challenge 4-H Club will be creating an outdoor learning garden at Historic Chipley High School where their classroom is located. The Project Challenge 4-H Club is collaborating with the Washington County School District's Program for gifted students and the Washington County 4-H program.

Club Leader and teacher Jennifer Sapp and her fifth, sixth and seventh grade Project Challenge students will be working with 4-H Agent, Julie P. Dillard, and Horticulture Agent, Collin Adcock on the project. The members will be learning about tree selection and planting as well as landscape design.



CONTRIBUTED PHOTO

4-H PROJECT: Fifth, sixth and seventh graders are members of Project Challenge 4-H Club.

"A tradition of excellence and community service since 1893, continuing the Chipley Banner"

The Chipley Bugle

"The Little Paper With the BIG TOOT"

Published Daily on the Internet at Chipley, FL Phone: 850-638-2545 FAX: 1-866-891-3746



LOCAL
NEWS

[Local News](#) [Obituaries](#) [Society](#) [Sports](#) [Opinion](#) [Classifieds](#) [Contact Us](#) [Home](#)

Friday, March 13, 2009

4-H Club Completes Garden



With the help of a grant from the Florida 4-H Foundation, Project Challenge 4-H Club recently completed a learning garden. Club members wrote the grant, sponsored by the Chevron Corporation, to create a garden they could use as an outdoor learning classroom. Project Challenge, the Washington County School District's Gifted Program, became a 4-H Club so that they could take advantage of the leadership and learning opportunities provided through 4-H.

After receiving the grant, students worked directly with 4-H Agent Julie P. Dillard and Horticulture Agent Collin Adcock, from the UF/IFAS Washington County Extension Service, to begin designing the garden. Adcock, who holds a degree in landscape design, taught the students the basics of landscape design as well as plant selection techniques. After each student designed the garden, the top designs were chosen and integrated into the final layout of the garden. Students also chose the trees and shrubs that would be planted in their garden and learned to work on a budget to adequately fill their garden. After several workdays in their garden, the Project Challenge Learning Garden was completed. Mulch, donated by Kelly and Vann Brock of ABC Fence, helped to put the final touch on the garden.

The area will now serve as an outdoor classroom for the Project Challenge Gifted Program as well as a place for the students to hold 4-H Club meetings. Project Challenge 4-H Club plans to write the grant again next year to continue the development of their learning garden. Thanks to the generosity of the Chevron Corporation, 4-H'ers are able to engage in hands-on-learning to improve their community.

For more information on the 4-H program in Washington County, contact Julie P. Dillard at 850-638-6180.



[Home](#) [News](#) [Obits](#) [Society](#) [Sports](#) [Opinion](#) [Classifieds](#) [Churches](#) [Schools](#) [Pictures Past](#) [Gallery](#) [Guestbooks](#) [Advertising](#) [About the Bugle](#)

Chipley Bugle © 2000-2009. All rights reserved.