

Name:

Due date:

Erdkinder
Cycle: Systems
Square Foot Gardening System

Overview: The Square Foot Gardening Foundation was founded in 1981 by Mel Bartholomew, who lives in the Valley. He invented this method as he asked himself these questions:

- Why do we plant in long rows?
- Why do we waste so many seeds by thinning?
- Why is there so much hard work?
- Why is there so much water waste?

Essential question: How can Square Foot Gardening benefit our jr high? Who can this system benefit the world?

Checklist:

___Chores:

- Chickens – 4 (take out grey bin of rubbish, clean out nesting box & put new bedding in, change water-tape over whole)
- Finish repairs to wooden coop
- Walk the halls of the main building/grounds and beautify with grace & courtesy
- Begin labyrinth, share location with group, rake-up dirt?
- Cook scones & prep for social (paper goods, set up serving table, make cinnamon sugar)

___ Provide evidence (mathematical) how the Square Foot Gardening Method saves sources. Record on the reverse side of the study guide.

___ Fill out self-evaluation below & hand in study guide

Self-Evaluation:

Criteria	3 Mastered	2 Practicing	1 Beginning
Study Guide	The study guide turned in with a name; checklist is completely filled out; all sections have a well thought out responses.	Checklist is checked off but some of the sections are incomplete; sections lack well reflected responses.	No study guide was returned
On Task behavior	Student is on task at all times. No task reminders or warnings were given.	One or two task reminders or warnings were given to redirect student	Student needed more than three reminders during activities.
Team behavior	Student displays effort to work with team members, uses assertive communication, & fully participates with a good attitude	Student participates a portion of the time and is still striving to work as part of a team.	Student refuses to participate & constantly quarrels or uses aggressive communication.

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Compare the yield of lettuce in the two types of gardens

Using tape, create three 10-ft rows. Plot a lettuce plant every 6 inches. Determine the yield for lettuce. With four lettuce plants per square foot, how many squares would it take to fit the same number of plants?

What is the area for the rows?

What is the area for the square foot garden?

Draw a picture proving how Square Foot Gardening saves space and provides more yield.