

a math mini project about bugs!

Notes to Teacher:

For this project, students will create an inventory for a 'bug farm.' The total number of legs should be exactly 1,000 legs, no more, no less. It sounds easy, but it is much more challenging to get exactly 1,000. To be successful with this project, students should use estimation, guessing and checking, multiplication, and addition skills. It is also essential for students to check their work to ensure that their count is exactly 1,000.

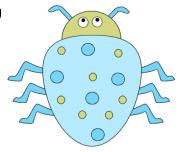
This could be a group project, enrichment project, or independent assignment. You could also make this a family or home project.

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Creepy Crawly Village

Due	Date		



You have been given the job of creating the population for your town's newest nature attraction *The Creepy Crawly Village*. Your village must abide by the guidelines below.

Guidelines:

- > Your village must include at least 15 different types of critters.
- ➤ Your village must have exactly 1,000 legs, no more, no less.
- > You may choose from any arachnids or insects that exist.
- ➤ Use the internet, encyclopedias, or other resources to get ideas and to determine the number of legs each critter has.
- ➤ Be specific when writing the type of bug. Instead of "spider", tell what specific type of spider you mean, such as "Brown Recluse Spider".

This is how you will be graded:

	Points Earned	Points Possible
Village includes at least 15 different critters.		5
Village has exactly 1,000 legs.		5
Math calculations are correct.		5
Specific names of critters are used.		5
Inventory is complete and correct.		5
Total		25

Name	Date

Creepy Crawly Village Inventory

Number of Legs	Quantity in Your Village	Total Number of Legs
Grand Tota	al Number of Legs	1,000
	Grand Total	Grand Total Number of Legs

Extension Activities:

- 1. **Science**—Write the scientific name of each insect or arachnid.
- 2. **Reading**—Read a book or article about two of your creepy crawlers. Use a Venn diagram to compare the two.
- 3. Art—Draw and label a diagram of at least three of your creepy crawlers.
- 4. **Math**—Determine the cost of purchasing all of these critters from a science supply store.
- 5. **Art**—Using materials of your choice, create a 3-D model of at least two of your creepy crawlers.
- 6. **Writing**—Write an expository essay about which of the creepy crawlers is your favorite or least favorite.
- 7. **Social Studies**—Get a copy of a blank US or World map. Label the map according to where each of these critters can be found. Be sure to include a key.
- 8. **Creative Writing**—Write a conversation between two of the creepy crawlers in your village.
- 9. **Technology**—Create a PowerPoint presentation to encourage people to visit your Creepy Crawly Village.
- 10. **Music**—Write a song about your Creepy Crawly village.

CREDITS

Many Thanks to:



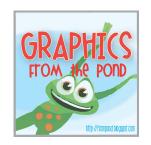






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Come Visit!

Savah







About Me:

As a classroom teacher, I found myself constantly disappointed with the textbook materials and other classroom resources we were allotted to work with, so I often made my own. The problem is between meetings, lesson plans, new standards, and all of the other tedious parts of the job, I never had enough time to create everything I wanted. Being an avid maker of to-do lists, I had a list a mile long of resources that I wanted to make one day.

In October 2011, my little boy was born, and I couldn't bear the thought of going back to work and leaving him behind. I decided to stay home with him, but a big part of me really missed the classroom. Enter TPT. I had been casually selling materials on TPT just for the fun of it, but it wasn't anything I ever considered to be potential for real supplemental income.

I became a naptime blogger as a way to keep my foot in the education world and to give me something to think about other than diapers and sleep schedules and all of that. Slowly, I began to work through my list of classroom ideas that I always wanted to make. I will go back to the classroom one day, although I don't know exactly when. What I do know is I will be prepared with activities that meet my personal high standards of curriculum.

My purpose for selling on TPT is to give teachers products that are high-quality and make students think. They are more than just a drill and kill worksheet. Another goal for me is to make your life easier. I know you have enough to deal with and think about. My hope is that you can rely on my products to meet your classroom needs, to be easy to implement, and to be enjoyable for both you and your students.

If there is ever a product that does not meet your expectations, please feel free to contact me at swigginsfl@yahoo.com. I appreciate all feedback, good and bad, as I am always on a mission to make educational materials that are the highest quality. Additionally, if you ever have any suggestions or requests, feel free to contact me!

Sincerely,
Sarah Wiggins
More Than a Worksheet