

The Lemonade Stand



Second Grade

Our four second grade classes needed a project that would help us earn money for a field trip. Also, we are always looking for activities that encourage graphing and counting money as those were two areas of weaknesses in our students in the past. In our Houghton Mifflin Language Arts program we read a story about two friends that wanted to earn some money so they decided to have a lemonade stand. We used that as an example to discuss how we could also have a lemonade stand to earn money for a future field trip to the theatre. We sold a glass of lemonade and two cookies for \$1.00 during the first recess each day for one week. The money earned was counted and graphed daily. By the end of the week, the total dollars for all four classes was over \$700.00.

Directly correlates with Houghton Mifflin

Theme 1.3 – Silly Stories, Mrs. Brown Went to Town



Main standards addressed:



Number Sense 5.0 – Solve problems by adding and subtracting amounts of money.

Number Sense 5.1 – Solve Problems using combinations of coins.

Number Sense 5.2 – Know and use the decimal notation and the dollar and cents symbols for money.

Statistics, Data Analysis, and Probability 1.4 – Ask and answer simple questions related to data representations.

Writing Applications 2.1 – Write a brief narrative based on their experiences.

Aesthetic Valuing 4.2 – Respond to a live performance with appropriate audience behavior.



Timeframe:

From the introduction of the idea through completion it is seven class days. Actual time each day is ten to twenty minutes and four recesses.



Basic description:

There will be two tables set up on the playground each day, one teacher will be at a table with a group of ten students, two of them assigned to each of the following jobs: collecting money, pouring lemonade, passing out cookies, and keeping order (reminding students wait their turn in line, answering questions, keeping the stand looking neat, etc.). Everyone else helps with keeping the playground free of trash. After recess each day, the money will be counted and the numbers will be taken to each classroom. The students will add the two numbers for that day to their graphs and make comparisons. At the end of the week each student will write a description of the lemonade stand and read it to the class. The final reward will be a trip in November to the Clark Center to see a play. The concrete, hands-on experience will make their learning exciting and meaningful. We will be able to evaluate their counting skills as the money is counted and recounted in their table groups before we graph it. We will also use their graphs and their written descriptions as evaluative tools.



Materials Needed

- Read aloud story: *Lemonade Stand* by, Marcia Vaughn – (included in this packet) or can be found on page 80 G in the teachers guide of the second grade Houghton Mifflin reading program – Theme 1, Silly Stories.
- Note to parents explaining about the Lemonade Stand and asking for donations/support (included in packet).
- Large paper or poster board, markers, crayons, paint, etc. for the students to make posters to hang up around the school informing everyone about the Lemonade Stand.
- Materials for the Lemonade Stand – table, table cover, sign for the table, cups, napkins, ice, cookies, lemonade (powdered, made earlier in the day and put in large 3 gallon containers or 2 liter bottles), change box and change, trash cans.
- Job chart for each day of the sale (included in packet).
- Overhead graphing grid to plot daily totals and copies of the overhead to distribute to the students (included in packet).
- Optional, camera

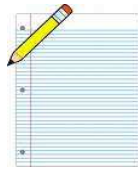
Extras:

- www.lemonflower.com has art pictures of lemons you can order, recipes, and other educational information about lemons if you wish to extend your students knowledge base about lemons.
- www.electricscotland.com/games/lemonade has an interesting interactive game where you buy the materials for a lemonade stand and it calculates your profit; it is advanced for most second graders, but an option for an enrichment experience for a few select students.
- This also correlates with Unit 5, Lesson 2 in the Harcourt Social Studies program: (Standard 2.4) How do people get money to pay for goods and services? A good book to read along with that chapter would be Better Than a Lemonade Stand: Small Business Ideas for Kids, Beyond Words Publishing, 1992. by Daryl Bernstein



We learned from experience :

This could easily be done at other grade levels, in fact, it might not need to be as teacher-directed in the upper grades. We did it the year before, but sold the lemonade at 25 cents a cup without cookies. The problem was that students were bringing \$1.00 and buying four cups of lemonade. The rest of the day other teachers were having problems with students needing to go to the restroom too often. Also, our tables were swamped with us having to pour four cups of lemonade for every \$1.00 earned. This year it was much more manageable, we made the same amount of money, and there were no complaints from other teachers about sugared-up students and frequent trips to the restrooms.



Lesson Plan



🚦 Day One:

Read the story, The Lemonade Stand, to the class. After reading and discussing the story share with the students your idea that they have lemonade stand to earn money so the whole class can go on a field trip (to the theatre in our case).

🚦 Day Two:

Discuss with students what information we need on posters to inform the school about our Lemonade Stand (Who, What, When, Where). Also, generate a list of everything needed to have a great Lemonade Stand. You prepare a note to go home with to the parents asking for support and/or have the students write a letter to the parents asking them for cups, napkins, and

cookies to school for us to sell. Make your posters and hang them up around the school.

Day Three:

Assess what materials you have and what you need for tomorrow (day one of the sales). Make sure someone specific is assigned the job of getting anything you still need. Set up a job chart so everyone knows what their job is each day of the sale. Have students check the posters around campus to see if any have fallen down, need to be repaired, etc. If needed have them make more posters or finish any that were not finished the day before and put them up.

Day Four (First day of Sale):

Set up the tables as much as possible before school. If you are mixing your own lemonade, have it done before school starts. About five minutes before the recess bell rings have the students prepare for the sale by prepouring cups of lemonade and placing cookies on napkins on the table. The bell rings, "Sell, sell, sell." After the bell rings clean up. As a class count how much money you made. Using the overhead graph show the class how to graph the money they made. If you are doing this with other classes, also graph what they made and discuss the differences between the two amounts.

Day Five through Seven):

Each of these days are repeats of day four. The students doing each job switches so they all get a chance to do something special. (It seems easiest when the teacher assigns the jobs.) At the end of day seven you can have a blow out sale to get rid of any extra lemonade and/or cookies or use them as a celebration party with the class for a job well done. We gave a special plate of cookies and a big glass of lemonade to our custodian as a "Thank you."



Lemonade Stand

By, Marcia Vaughan

It was a hot summer day. Boomer and Squeak set up their lemonade stand. “Lots of animals will want lemonade today,” Boomer said.

“Soon our jars will be full of money. We will be rich.”

“Good,” said Squeak. “I will buy a boat. A blue boat with red sails.”

“I will buy a sports car,” Boomer said. “A yellow sports car with a loud horn and shiny wheels.”

Squeak stood on his chair and looked around. He did not see anyone. “I wonder who will buy the first glass,” he said.

“I will,” said Boomer. Boomer took a nickel from his pocket. He put it in Squeak’s jar. Squeak gave him a glass of lemonade. “This is good,” said Boomer. “Try some.” So Squeak took the nickel out of his jar. He put it in Boomer’s jar. “We have sold two glasses,” said Boomer. “We are getting richer.”

Boomer and Squeak sat and sat. They waited and waited. Nobody came. “All this sitting and waiting makes me thirsty,” said Squeak.

“Let me buy you a drink,” said Boomer. Boomer took the nickel out of his jar. He put it in Squeak’s jar. He gave his friend a drink.

“Yum,” said Squeak. “May I return the favor?” Squeak handed the nickel back to Boomer.

He gave Boomer a drink. Boomer and Squeak sat and waited some more. “Maybe nobody knows we are here,” Squeak said. “I will carry our sign around.”

Squeak ran across the bridge, around the lakes, over the hill, and back.

“Did you find any thirsty animals?” Boomer asked. Squeak huffed and puffed. “Yes, I did,” panted Squeak. “Me! May I borrow five cents?” Boomer took the nickel out of his jar and handed it to Squeak. Squeak took a glass of lemonade and gulped it down.

Boomer held up the pitcher. “Now we have only one glass of lemonade left, he said. Squeak looked worried.

“What if two animals want lemonade?” he asked. “They might fight. Quick, Boomer! Drink the last glass!”

Boomer did just that.

“The lemonade is gone,” Boomer said. “We must be rich. Let’s count our money.” Boomer and Squeak shook their jars. One shiny nickel rolled across the table. Great gumballs!” said Boomer. “We have made only five cents!”

“You cannot buy a boat with five cents,” said Squeak. “Or a sports car,” said Boomer.

“There is only one thing you can buy for five cents,” said Squeak. Boomer and Squeak took their nickel.

They ran across the bridge, around the lake, over the hill, and all the way to Mrs. Pip. Boomer and Squeak smiled and said, “One glass of lemonade please!”





Dear Parents,

Our class had decided to join the other second grade classes and sell lemonade during the first recess as a way to earn money. The money we earn selling lemonade will be used for a field trip to the theatre we plan to take later this year. You can help us by sending a package of store bought cookies that we will sell with our lemonade. The second grade class is going to buy powdered lemonade, cups, and napkins. We will pay for them from the money we earn. All of the extra money will go into our field trip fund. If you would like to send money to help cover the cost of the lemonade, cups, and napkins we would appreciate it.

The lemonade stand will be open during our first recess, from 10:15 to 10:35, September 25th – 28th. If you would like to come and help at that time you are welcome. Your children and their friends will be able to buy a glass of fresh, cold lemonade and two cookies for \$1.00. Be sure your child has a \$1.00 to buy his/her own glass of lemonade!

Sincerely,

