

Neighborhood Market Day

Teacher Guide · Solutions · Rubric

Grade 2 · All levels

Overview

A cumulative project for Units 7–12. Students plan a pretend neighborhood market: visitor totals within 1,000, measuring booth tables, a number-line map of the street, a schedule with AM and PM, play-money sales, a graph of favorite booths and booth signs cut into equal shares.

Time: 3 class periods · **Product:** Market Day Plan
Standards: 2.NBT.B.7, 2.MD.A.1, 2.MD.A.4, 2.MD.B.5, 2.MD.B.6, 2.MD.C.7, 2.MD.C.8, 2.MD.D.10, 2.G.A.1, 2.G.A.3
Prerequisite skills: Units 7–12 of 2nd Grade Math

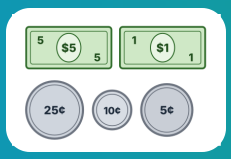
Learning targets

- I can add and subtract within 1,000.
- I can measure, tell time and count money.
- I can make a graph and use shapes and equal shares.

Timing and materials

- Day 1 (40 min): visitors and measuring (Parts 1–2).
- Day 2 (40 min): street map, schedule and money (Parts 3–4).
- Day 3 (40 min): graph, signs and the market plan (Parts 5–6).

Materials: Rulers and a measuring tape; Play coins and bills (printable support page); Paper clocks; Graph frames; Construction paper for signs. No accounts, paid products or student personal information are needed.



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The three versions

- Remedial: hints for a first step, partly filled tables, sentence frames and fewer open choices; the same learning targets.
- Standard: the full task set at grade level; students choose their strategies and models.
- Advanced: open design constraints, missing information, error analysis and a written justification; no hints.

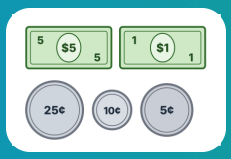
All versions use the same context and learning targets, so groups can share and compare work.

Implementation notes

- Use this after Unit 12 as a review; each part names the unit it reviews.
- Each group member is responsible for one part of the final plan.
- Advanced students design the street layout under length limits and explain it.
- Before Part 1, read the challenge aloud and ask students to restate the goal.
- Close with a gallery walk: each group explains one strategy.

Rubric

Learning target	4 Exceeds	3 Meets	2 Approaching	1 Beginning
I can add and subtract within 1,000.	Correct and complete; explains how	Mostly correct	Partly correct	Not yet
I can measure, tell time and count money.	Correct and complete; explains how	Mostly correct	Partly correct	Not yet
I can make a graph and use shapes and equal shares.	Correct and complete; explains how	Mostly correct	Partly correct	Not yet
I can explain my thinking with pictures, numbers and words.	Clear for every part	Clear for most parts	Some explanation	Little explanation
My market day plan is complete and matches my math.	Complete, neat, accurate	Complete	Partly complete	Not complete



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Solutions · Remedial KEY

Part 1: Visitors (Unit 7)

Saturday had 245 visitors and Sunday had 132.

1. How many visitors in all?
377 visitors

2. How many more came on Saturday?
113 visitors

Part 2: Booth Tables (Unit 8)

The bakery table is 36 inches long. The plant table is 24 inches long.

3. Which tool would you use to measure a table?
a yardstick or a measuring tape

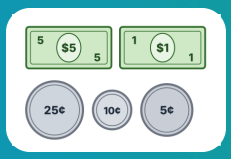
4. How much longer is the bakery table?
12 inches

Part 3: Street Map (Unit 9)

The bakery is at 10 feet and the toy booth is at 35 feet along the street.

5. How far apart are the booths?
25 feet

6. The plant booth is 20 feet past the bakery. Where is it?
30 feet



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Part 4: Schedule and Money (Unit 10)

The market opens at 9:00 in the morning. A cookie costs 40¢.

7. Write the opening time with AM or PM.

9:00 AM

8. The music starts 30 minutes after opening. What time is that?

9:30 AM

9. A buyer pays 50¢ for a cookie. What is the change?

10¢

Part 5: Favorite Booth Graph (Unit 11)

Make a bar graph of the votes (scale of 1).

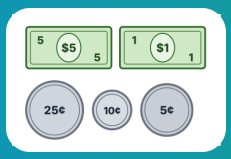
Booth	Votes
bakery	7
plants	5
toys	9

10. Which booth got the most votes?

toys

11. How many votes in all?

21 votes



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Part 6: Booth Signs (Unit 12)

Each sign is a rectangle.

12. Cut a sign into 3 equal shares. What is each share called?

one third

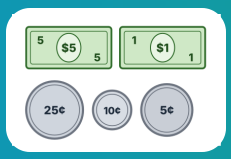
13. A sign shaped like a hexagon has how many sides?

6 sides

Extension

Next year 100 more visitors come each day. How many visitors in all?

577 visitors



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Solutions · Standard KEY

Part 1: Visitors (Unit 7)

Saturday had 378 visitors and Sunday had 264.

1. How many visitors in all?
642 visitors

2. How many more came on Saturday?
114 visitors

Part 2: Booth Tables (Unit 8)

The bakery table is 48 inches long. The plant table is 30 inches long.

3. Which tool would you use to measure a table?
a yardstick or a measuring tape

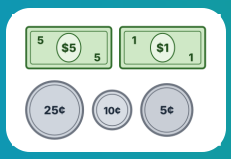
4. How much longer is the bakery table?
18 inches

Part 3: Street Map (Unit 9)

The bakery is at 15 feet and the toy booth is at 60 feet along the street.

5. How far apart are the booths?
45 feet

6. The plant booth is 20 feet past the bakery. Where is it?
35 feet



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Part 4: Schedule and Money (Unit 10)

The market opens at 8:30 in the morning. A cookie costs 65¢.

7. Write the opening time with AM or PM.

8:30 AM

8. The music starts 45 minutes after opening. What time is that?

9:15 AM

9. A buyer pays 100¢ for a cookie. What is the change?

35¢

Part 5: Favorite Booth Graph (Unit 11)

Make a bar graph of the votes (scale of 1).

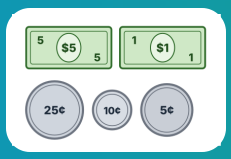
Booth	Votes
bakery	11
plants	8
toys	14
books	6

10. Which booth got the most votes?

toys

11. How many votes in all?

39 votes



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Part 6: Booth Signs (Unit 12)

Each sign is a rectangle.

12. Cut a sign into 3 equal shares. What is each share called?

one third

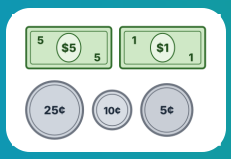
13. A sign shaped like a hexagon has how many sides?

6 sides

Extension

Next year 100 more visitors come each day. How many visitors in all?

842 visitors



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Solutions · Advanced KEY

Part 1: Visitors (Unit 7)

Saturday had 486 visitors and Sunday had 357.

1. How many visitors in all?
843 visitors

2. How many more came on Saturday?
129 visitors

Part 2: Booth Tables (Unit 8)

The bakery table is 60 inches long. The plant table is 42 inches long.

3. Which tool would you use to measure a table?
a yardstick or a measuring tape

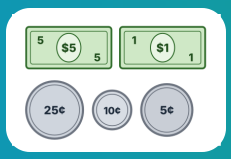
4. How much longer is the bakery table?
18 inches

Part 3: Street Map (Unit 9)

The bakery is at 25 feet and the toy booth is at 85 feet along the street.

5. How far apart are the booths?
60 feet

6. The plant booth is 20 feet past the bakery. Where is it?
45 feet



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Part 4: Schedule and Money (Unit 10)

The market opens at 8:45 in the morning. A cookie costs 85¢.

7. Write the opening time with AM or PM.

8:45 AM

8. The music starts 50 minutes after opening. What time is that?

9:35 AM

9. A buyer pays 100¢ for a cookie. What is the change?

15¢

Part 5: Favorite Booth Graph (Unit 11)

Make a bar graph of the votes (scale of 1).

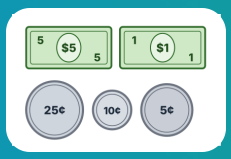
Booth	Votes
bakery	16
plants	12
toys	19
books	9

10. Which booth got the most votes?

toys

11. How many votes in all?

56 votes



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Part 6: Booth Signs (Unit 12)

Each sign is a rectangle.

12. Cut a sign into 3 equal shares. What is each share called?

one third

13. A sign shaped like a hexagon has how many sides?

6 sides

Part 7: Street Design

The street is 100 feet long. Booths need 15 feet each with 5 feet between booths.

14. How many booths fit on the street? Show your thinking on a number line.

5 booths (15 + 5 + 15 + 5 + 15 + 5 + 15 + 5 + 15 = 95 feet)

Extension

Next year 100 more visitors come each day. How many visitors in all?

1043 visitors