LESSON 1

Your Cahoots Buddies
Stevie Hoots
Walter Marina
Boots

All About You
Answers will vary.

Addition, Subtraction and Multiplication
419 1,688
1,333 352,242
3,659 394
22,619 714
728 4
2,115
62,967

Word Problems
398 votes
64 votes
541 more seeds
16,200 seeds
$261
614 seeds

Frequency

<table>
<thead>
<tr>
<th>Shape</th>
<th>Tallies</th>
<th>Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Triangle</td>
<td>⬦ ⬦ ⬦</td>
<td>8</td>
</tr>
<tr>
<td>Square</td>
<td>⬦ ⬦ ⬦</td>
<td>8</td>
</tr>
<tr>
<td>Octagon</td>
<td>⬦ ⬦ ⬦ ⬦</td>
<td>14</td>
</tr>
<tr>
<td>Circle</td>
<td>⬦ ⬦ ⬦ ⬦</td>
<td>11</td>
</tr>
</tbody>
</table>

Competition Division
Answers will vary.
Inequalities
5 x 5 < 27
45 = 45
95 + 8 > 4 x 4
61 – 30 > 25

40 – 2 < 54
78 x 3 > 200
12 ÷ 24 = 40 – 38
18 = 6 x 3

Writing Equations
50 x 4
20 + 12
15 – 4

Similes and Metaphors
Metaphor
Simile
Metaphor
Simile
Metaphor

Adverbs

Walter carefully climbed the ladder.
I quietly read my book in my classroom.
Boots jumped joyfully when he heard the good news.
The girl swam gracefully across the swimming pool.
My mom is making us lunch. It will be ready shortly.
I stormed out of the room angrily.
After a long day, Hoots fell asleep quickly.


LESSON 2

Comprehension
To share a story about Hoots, Boots and Walter at a carnival
Overflowing popcorn
Tilt-a-whirl
Played games
Basketball
Watching fireworks

Similes to Make You smile
Answers will vary.

Fractions
Circle 3/5 of the set.

Circle 1/5 of the set.

Circle 1/4 of the set.

Shade 1/8 of the rectangle.

Draw three rectangles and shade them to represent a fraction of 2 5/6.
**Equations**

n = 6  
n = 512  
n = 11  
n = 20  
n = 1020

**Input-Output Tables**

Rule: Divide by 20  
Rule: Multiply by 4  
Rule: Divide by 7

**Money Math Using United States Currency**

$39.00  
$4.22  
Explain your thinking: Answers will vary.  
17 players  
$1,662.50

**Planning a Party**

Answers will vary.

**Reading for Information**

A way to group living things by their common characteristics  
Got smaller  
Got larger  
Global warming  
115 inches  
Tropical forests

**LESSON 3**

**Punctuation and Grammar: There, Their, or They’re**

Find out when they will be done with their homework.

They’re going to ride their scooters to the beach.

I can’t believe they’re going to Australia next month.

Have you been there yet?

They’re going to win the race!
Yesterday, their sister went to college.

There isn’t any milk in the refrigerator.

*Common and Proper Nouns*
Answers will vary.

*My Paragraph*
Answers will vary.

*Number Lines*
1 1/2
2 1/2
3 1/4

*Bar Graphs*
42 neighbors
Purple
Yellow

*Word Problems*
132 skates
8 jars
168 passengers
142 complete newspapers
36 pieces
13 students

*Greater Than, Less Than, Equal*
4/8 > 1/4
12/15 = 4/5
3/6 < 6/8
2/10 > 1/20
Shapes

Trigonometric:
Acute

Right

Obtuse

Isosceles

Lines of Symmetry

Congruent shapes

Acts of Kindness
Answers will vary.

Pronouns
you, her
my
we, your
you, me
them, me, you

Synonyms
Answers will vary. Examples:
I began the project yesterday, so should be done soon.

The opening scene of the movie was so hilarious.
I stayed up too late and now I’m very sleepy.

That is a **humongous** bowl of noodles!

Sloths are very, very **sluggish**.

That is a **beautiful** bunch of flowers.

*Comprehension*

Large **A practical joke or trick**

The whole thing **Choosing a movie to watch**

Confused **In the entryway**

Have trouble with something **Stuffed paper towels in them**

Title: Answers will vary

**LESSON 4**

*Equations*

\[ 186 \div 6 = y \quad y = 31 \]

\[ 144 \div 18 = y \quad y = 8 \]

\[ y = 191 + 15 \quad y = 206 \]

\[ y + 45 = 92 \quad y = 47 \]

\[ y \times 8 = 96 \quad y = 12 \]

*Fractions*

\[ \frac{1}{4} \]

\[ \frac{3}{5} \]

\[ \frac{2}{3} \]

\[ \frac{1}{2} \]
**Perimeter**

68 inches  
54 miles

22 inches  
32 cm

**Fractions with Everyday Objects**

Answers will vary.

**Bar Graphs**

![Bar Graph]

**Equations**

121  
1144

3228  
581

**Reading for Comprehension**

White Earth Lake

“A positive good”

2018

Minneapolis Park Board

Hennepin County

Minnesota Department of Natural Resources

U.S. Board on Geographic Names

**Information Comprehension**

Answers will vary.
**Parts of a Letter**

<table>
<thead>
<tr>
<th>Greeting</th>
<th>Signature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date</td>
<td>Marina</td>
</tr>
<tr>
<td>Closing and Signature</td>
<td>June</td>
</tr>
<tr>
<td>Body</td>
<td>Estrella is her pen pal</td>
</tr>
</tbody>
</table>

**Adjectives That Compare**

I am the **shortest** person on the gymnastics team.

My dads eat **faster** than I do.

The sun is **brighter** than the moon.

I am always the **hungriest** one in the family.

Boots is **busier** on weeknights than he is on weekends.

**Punctuations: Commas in a Series** (answers will vary based on their use of the Oxford comma)

What are you planning to eat for breakfast, lunch, and dinner today?

My neighbor wears earrings, necklaces, and bracelets.

We have a couch, chair, and lamp in our living room.

Do you prefer to ride in a car, bus, or train?

Are you going to practice the piano, flute, or trumpet?

**Thank You!**

Answers will vary.

**LESSON 5**

**Angles**

<table>
<thead>
<tr>
<th>Right</th>
<th>Acute</th>
<th>Obtuse</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reflex</td>
<td>Acute</td>
<td>Straight</td>
</tr>
</tbody>
</table>
Standard and Expanded Notation

<table>
<thead>
<tr>
<th></th>
<th>Standard Form</th>
<th>Expanded Notation</th>
</tr>
</thead>
<tbody>
<tr>
<td>93.43</td>
<td>9 x 10 + 3 x 1 + 4 x 1/10 + 3 x 1/100</td>
<td></td>
</tr>
<tr>
<td>437,529</td>
<td>4 x 100,000 + 3 x 10,000 + 7 x 1,000 + 5 x 100 + 2 x 10 + 9 x 1</td>
<td></td>
</tr>
<tr>
<td>1,398,541</td>
<td>1 x 1,000,000 + 3 x 100,000 + 9 x 10,000 + 8 x 1,000 + 5 x 100 + 4 x 10 + 1 x 1</td>
<td></td>
</tr>
<tr>
<td>671.672</td>
<td>6 x 100 + 7 x 10 + 2 x 1 + 6 x 1/10 + 7 x 1/100 + 2 x 1/1000</td>
<td></td>
</tr>
<tr>
<td>43,590.72</td>
<td>4 x 10,000 + 3 x 1,000 + 5 x 100 + 9 x 10 + 7 x 1/10 + 2 x 1/100</td>
<td></td>
</tr>
</tbody>
</table>

Word Problems

11:45 am

2,720 cans
639 seats
222 minutes

Taking Your Time
Answers will vary.

Reading for Information
One of the first people to do something
To leave one country or region to live in another
She wanted to find cures for diseases
19
leukemia, malaria, and autoimmune deficiency syndrome
All of the above

A/An: Using Articles
Walter was thinking really hard when an idea popped into his head!

How many times do you drink a glass of water each day?

Boots has a bright, shiny, blue skateboard.

An orange contains lots of Vitamin C.

Can you bring me to a movie tomorrow night?
Homophones
break
allowed
road
aisle
scent
seem

Equations
101 359
6,342 621
285 488

Converting Data
Marina ate 5/16 of the pizza.
**LESSON 6**

*Bar Graphs*

55 books
Walter
26 adventure books

**Type of Books Checked Out**

![Bar Graph](image)

**Mean, Mode, Range, Median, Prime and Composite**

18
55
56.4
55
2, 3, 5, 47
4, 55, 60, 65

**Area**

<table>
<thead>
<tr>
<th>121 inches²</th>
<th>36 inches²</th>
<th>329 inches²</th>
</tr>
</thead>
<tbody>
<tr>
<td>18 inches²</td>
<td>60.5 inches²</td>
<td></td>
</tr>
</tbody>
</table>

**Recording Perimeter and Computing Area**

Answers will vary.
Reading for Comprehension
First and only queen in Hawaii
Wave riding
1893
homelessness, poverty, loss of traditions

Vocabulary
Answers will vary. Examples:

Sovereignty: absolute power and authority
Monarchy: a country that is ruled by a monarch (a king or queen)
Illegal: against the law; breaks the rules

Fact vs. Opinion
Answers will vary.

Understanding a Character
Understanding of feelings
Freely doing something to help others
Connecting, working with others
Lucky
Staying home by himself
He wants to be a nurse

Subject and Predicate

A glass of warm milk helps Damon fall asleep at night.
The book fell loudly off the shelf.
My mother asked me not to stay out too late.
I stopped to tie my shoes.
Ms. Edblomate chicken and rice for dinner.

Prefixes
nonsense   disrespect   preview   illegal
review

defrost   unlucky   remind   invisible
Density Predictions
Answers will vary.

LESSON 7

Tally Charts

<table>
<thead>
<tr>
<th>Sport</th>
<th>Number of students who chose this sport</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basketball</td>
<td>[Tally: I]</td>
</tr>
<tr>
<td>Soccer</td>
<td>[Tally: I]</td>
</tr>
<tr>
<td>Baseball</td>
<td>[Tally: II]</td>
</tr>
<tr>
<td>Football</td>
<td>[Tally: III]</td>
</tr>
</tbody>
</table>

Baseball
32 fourth-graders voted
Yes

Range = 6       Median = average of 6 and 8 is 7        Mean: 8

Conversions

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>4 1/5</td>
<td>4.2</td>
</tr>
<tr>
<td>219/1000</td>
<td>.219</td>
</tr>
<tr>
<td>5/8</td>
<td>.625</td>
</tr>
<tr>
<td>7/4 or 1 ¾</td>
<td>1.75</td>
</tr>
<tr>
<td>307/50 or 6 7/50</td>
<td>6.14</td>
</tr>
<tr>
<td>36/10</td>
<td>3.6</td>
</tr>
</tbody>
</table>
**Number Lines**

\[
\frac{4}{12} + \frac{6}{12} = \frac{10}{12}
\]

Point 4/5

\[
\frac{6}{8} - \frac{3}{8} = \frac{3}{8}
\]

1 + 3 + 5 + 2 = 11

**Data Collection and Pie Charts**

Answers will vary.

**Character Creation: Parts 1 and 2**

Answers will vary.

**Comprehension**

Saturday
Sunny
Windows
A blanket
So they had something to tie the ropes to

**Figurative Language**

Answers will vary.

**Character Story**

Answers will vary.
LESSON 8

Word Problems
624 weeks
17 feet
24/32 or 3/4 tomatoes
389 miles
120 miles
$1,025.23

Fractions

1/8 + 3/8 = 4/8

5/8 + 1/8 = 6/8

1/6 + 1 5/6 = 2

1/2 and 4/8 are equivalent fractions.

Addition, Subtraction, Multiplication and Division

<table>
<thead>
<tr>
<th>344</th>
<th>15/90 or 1/6</th>
</tr>
</thead>
<tbody>
<tr>
<td>604</td>
<td>253.575</td>
</tr>
<tr>
<td>2/10 or 1/5</td>
<td>1767.314</td>
</tr>
<tr>
<td>27/20 or 1 7/20</td>
<td>71,418.55</td>
</tr>
</tbody>
</table>

Totally Tangrams
Answers will vary.
Transformation

Circle the pair images that demonstrate a reflected figure.

Circle the pair of images that demonstrate rotation.

Circle the pair of images that demonstrate translation.

Reading for Information
To give us information about Jupiter
Gases
67 moons
12 years
A huge storm
7 years

Antonyms
many -> few
enormous -> tiny
nervous -> calm
oldest -> youngest
forget -> remember
serious -> silly
Grammar Prepositions
above
before
through
under
over
behind
between

Story Comprehension
The United States Mitsuye Endo
Sacramento, California First generation born in the United States

Answers will vary.