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Let's Learn Backpack— Grade 2

This sample includes the following:

Let's Learn Activity Book

- Table of Contents (1 page)
- About This Book (1 page)
- Guiding Questions (1 page)
- Reading (1 page)
- Speaking & Listening (1 page)
- Problem Solving (1 page)
- Social Studies (1 page)
- Science (1 page)
- Mindfulness (1 page)
- Hands-on Activities (1 page)

Reader Sample (31 pages)

Additional backpack resources
not included in this sample:

- Parent Tip Card
- Ebook Library Access Card

To Create a World ⁱⁿ which
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About This Book

Welcome to *Let's Learn!* You can use this book at school or home. The activities are based on educational standards. You will practice lots of important skills and concepts.



Guiding Questions

Unit 1: Friends
Why is friendship important?

Unit 4: Beaches and Parks
Where can I enjoy the outdoors?

Unit 2: Scary Things
Why should we try new things?

Unit 5: Reptiles
What can we learn from reptiles?

Unit 3: Positive Attitude
How can we stay positive?

Unit 6: Fruits and Vegetables
How can we make healthy choices?

Preguntas orientadoras

Unidad 1: Amigos
¿Por qué es importante la amistad?

Unidad 4: Playas y parques
¿Dónde puedo disfrutar el aire libre?

Unidad 2: Cosas que dan miedo
¿Por qué deberíamos probar cosas nuevas?

Unidad 5: Reptiles
¿Qué podemos aprender de los reptiles?

Unidad 3: Actitud positiva
¿Cómo podemos mantener una actitud positiva?

Unidad 6: Frutas y verduras
¿Cómo podemos hacer elecciones saludables?

Directions: Read the text, and answer the questions.

Felix's Nature Box

Felix has a special collection. He adds many items. They go into a nature box. He finds things on walks. Items catch his eye. Some days, he sees a rock. Other times, he finds a stick. He sees pretty flowers. Felix is proud of his collection.



- 1 Where does Felix find items for his nature box?
 - (A) in a box
 - (B) on his walks
 - (C) at home
 - (D) at school
- 2 What is the main topic?
 - (A) eyes
 - (B) a collection
 - (C) walking
 - (D) flowers
- 3 What is the root word in *collection*?
 - (A) lection
 - (B) coll
 - (C) lect
 - (D) collect
- 4 What does the phrase *catch his eye* mean in the text?
 - (A) get his attention
 - (B) poke him in the eye
 - (C) look at him
 - (D) sparkle in the sun



Name _____ Date _____

Directions: Choose an animal that is a bit scary to you. Use at least three adjectives to describe the animal. Record yourself discussing at least three facts about that animal. Try to discover facts that make you like the animal more.



Adjectives

1 _____

2 _____

3 _____

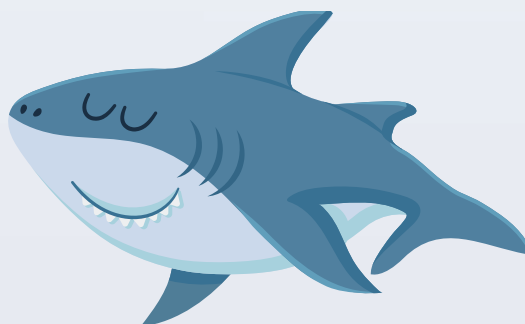


Facts

1 _____

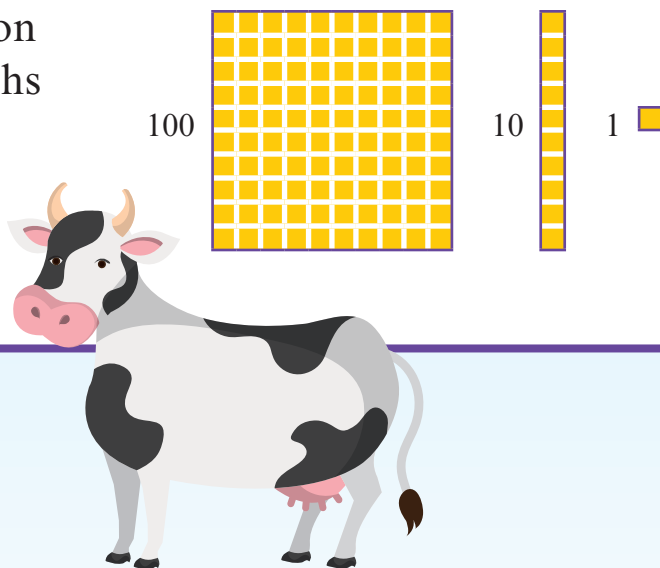
2 _____

3 _____



Directions: Read and solve the problem.

Mr. Rios has two cows on his farm. One cow weighs 732 pounds. Another cow weighs 832 pounds. Compare the weights using $>$, $<$, or $=$.



Problem Solving

1 What do you know about the problem?

2 What do you need to find?

3 How many hundreds, tens, and ones are in 732 and 832?

732 = _____ hundreds _____ tens _____ ones

832 = _____ hundreds _____ tens _____ ones

4 732 832

Directions: Mark where you live on the map. Be as exact as you can. Then, answer the questions.



1 What is the name of your country?

2 What is the name of your city or town?

3 What is your address?

4 Where would you like to visit someday?

Directions: Follow the steps in this experiment to closely examine pebbles.

What You Need

- 10 pebbles
- magnifying glass
- large, clear plastic jar
- water

What to Do

- 1 Use a magnifying glass to look closely at one pebble. Draw what you see.

- 2 Place all the pebbles in the plastic jar. Draw what you see.
- 3 Pour water over the pebbles. Draw what you see.

Pebbles in Jar	Pebbles in Water

- 4 What changed? What didn't change?



Directions: Write a positive way to look at each of these situations.



Negative Attitude	Positive Attitude
I can't do it.	
It's hard.	
I give up.	
She's better at it than I am.	
I'll never get better.	
He's smarter than I am.	
This is good enough.	
I won't do well on the test.	



Directions: Focus on your well-being with these hands-on activities. Choose at least two to complete.

Staying Healthy

Work with friends to brainstorm every kind of fruit and vegetable you can think of. Then, give yourself one point for every item on the list you like. Subtract one point for any you do not like. If you have never tried it, do not add or subtract points. Who has the highest score?

Amazing Art

Paint a still life! Many artists use a bowl of fruits and vegetables as the subject for a still-life painting. If possible, use a real bowl filled with fruits and vegetables. If not, use a picture. Try to make your painting realistic.

Making Music

During the winter, the United States gets much of its produce from Mexico and Central and South America. Listen to music from these areas. Compare the different songs to each other and to the music you like to listen to.

Getting Active

Think of an activity goal you would like to achieve. Maybe you'd like to do pushups, run a mile, or do a cartwheel. Make a plan to help get you to your goal, and do it!



Farmers Market

Standard Measurement

Dawson J. Hunt

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Spring

It is springtime on our farm.
Each **season** is different on a farm.
But every **Saturday** is the same.



That is when we go to the farmers market. We all help sell what we have grown. It is the best day of the week.



In the spring we sell things that we grew all winter. I help get the crops ready after school.



I like to put asparagus **spears** in **bundles**. I tie up 24 spears in each.

LET'S EXPLORE MATH

1 dozen = 12 items

How many spears are in 2 dozen?



People like to buy our fresh peas. We sell snow peas and peas in pods. Buyers fill up bags with their favorite kinds of peas. Then we weigh each bag.



If the buyers choose peas in pods, they have some work to do. They have to get the peas out of the pods.



LET'S EXPLORE MATH



1 pound of
peas in pods

=



1 cup of
shelled peas

One family wants 4 cups of shelled peas. How many pounds of peas in pods should they buy?

My mom grows herbs to sell. We sell them in small bunches. My dad likes basil best. My sister likes mint.



I like dill best. Guess what my cat likes best? Catnip!



Mint can spread quickly. It sends out new parts just under the soil. These parts are called **runners**. Runners sprout new plants.



Summer

I help more on the farm in the summer. We grow lots of strawberries in a big field. My grandmother makes strawberry shortcake to sell. I add the whipped cream.



People love this sweet treat. We always sell out. I am glad we have more at home!



LET'S EXPLORE MATH

Strawberries are usually sold in a pint basket. This is called a **dry measure**.

There are 2 pints in 1 quart.
How many pints are in 4 quarts?



Zucchini squash grows very fast. We pick ours at about 8 inches long. Once we missed one. It grew to be 2 feet long. It weighed 8 pounds!



Big zucchinis get very tough. But they are still good when made into zucchini bread.



By late summer we have a lot of corn to sell. We sell 10 ears for \$1. When all of the corn is sold, I get to take a break.



A corn plant starts out as a seed. By July, it may be 48 inches tall. That is nearly 122 centimeters. By the end of summer it may be twice as tall!



A band plays today. I get some fresh juice at a booth and sit down to listen.



Fall

We pick apples from our trees in the fall. We fill up baskets to bring to the farmers market. I cut up the apples so people can try a slice. Our apples are crisp and sweet.



Grandma makes apple pies, too. They sell out fast!



LET'S EXPLORE MATH

Different tools are used for measuring. You are going to make an apple pie. Look at the different measuring tools. Then answer the questions.



1.

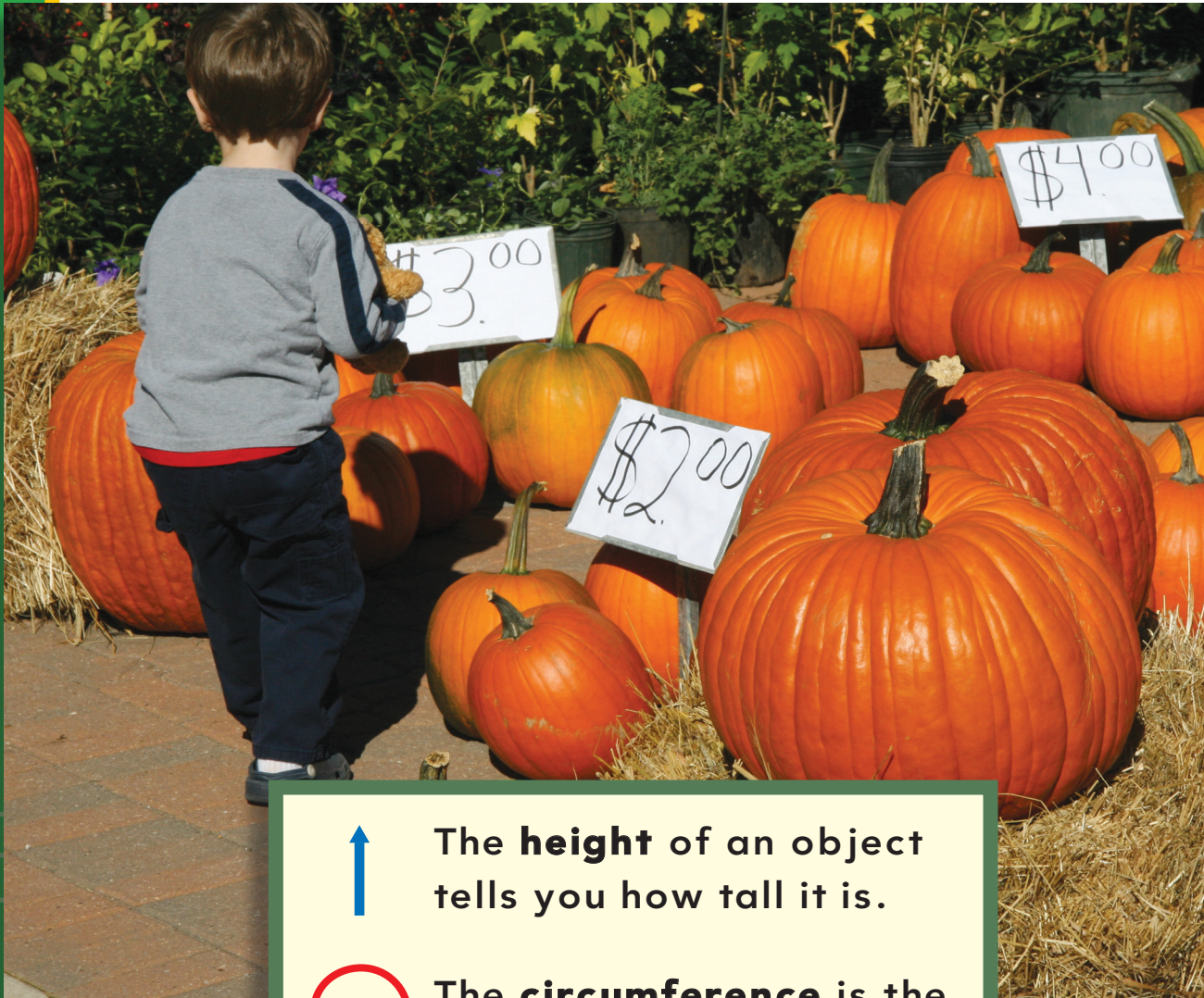
2.

3.

4.

- You need to buy some apples. Which tool would you use to measure them?
- Which tool would you use to measure spices?
- Which tool would you use to measure sugar?

The kids love our stand in the fall. We bring in lots of pumpkins. I like to line them up in different ways.



The **height** of an object tells you how tall it is.



The **circumference** is the distance around an item.

I may line them up from the shortest to the tallest. I may line them up from the thinnest to the thickest.



LET'S EXPLORE MATH

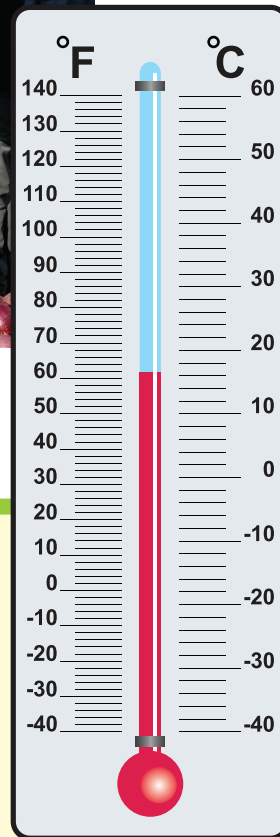
Pumpkins are sold by the pound. How much does this pumpkin weigh?



We sell **gourds** and Indian corn, too. A gourd is a kind of squash. The corn is dried. People buy both items for their tables.



It is getting colder. People have to dress warmly when they come to the farmers market in the fall.



LET'S EXPLORE MATH

The weather gets colder in the fall. What temperature is shown on the thermometer?

Winter

We still have things to sell when it gets cold. Grandmother made strawberry jam in June. Dad filled jars with honey all summer. Mom and I made apple butter in the fall.



Bees create honey for their own food. They need it during cold weather.



We put samples of each on small scones. By noon we have sold it all.



Some days the weather is bad. The farmers market is closed on these days. But we are still busy. We may go to the nursery to buy new plants or tools.



Sometimes we just stay home and enjoy the fruits of our **labor**! Guess what food I like best?



SOLVE THE PROBLEM

Selling Pumpkins

The Marks kids have 6 pumpkins. They are going to sell them to the Pumpkin Eater Cannery. The Pumpkin Eater Cannery buys pumpkins according to how tall they are. That is the height. This chart shows how much they pay for the pumpkins.

short pumpkins	\$1
medium pumpkins	\$2
tall pumpkins	\$3

The Welch kids have 6 pumpkins, too. They are going to sell them to the Peter Peter Cannery. The Peter Peter Cannery buys pumpkins according to how big around they are. That is their circumference. This chart shows how much they pay for the pumpkins.

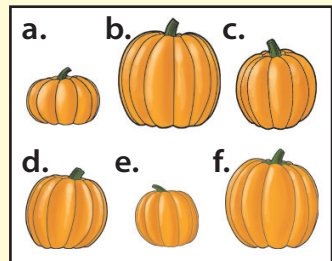
small pumpkins	\$1
medium pumpkins	\$2
large pumpkins	\$3

Solve It!

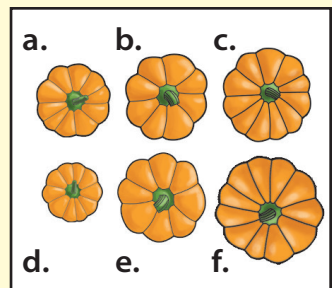
- a. How much will the Marks kids earn?
- b. How much will the Welch kids earn?
- c. How else could the pumpkins be measured?

Use the steps below to help you solve the problems.

Step 1: Look at how tall the pumpkins are. Sort them into short, medium and tall. Look at the chart. Add up what the Marks kids will earn.



Step 2: Look at how big around the pumpkins are. Sort them into small, medium, and large. Look at the chart. Add up what the Welch kids will earn.



Glossary

bundles—groups of things tied together

circumference—the distance around an item

dry measure—a way to compare amounts of dry food items using containers

gourds—fruits with hard rinds that grow on vines

height—how tall something is

labor—work

nursery—a place where plants and trees are sold

runners—parts of a plant that grow under the soil and may grow into new plants

season—one of four time periods of the year

spears—growth of plant, usually young sprouts

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ANSWER KEY

Let's Explore Math

Page 7:

24 spears

Page 9:

4 pounds

Page 13:

8 pints

Page 19:

a. 1

b. 4

c. 3

Page 21:

5 pounds

Page 23:

62°F (17°C)

Solve the Problem

a. \$12.00

b. \$12.00

c. The pumpkins could be measured by weight.