

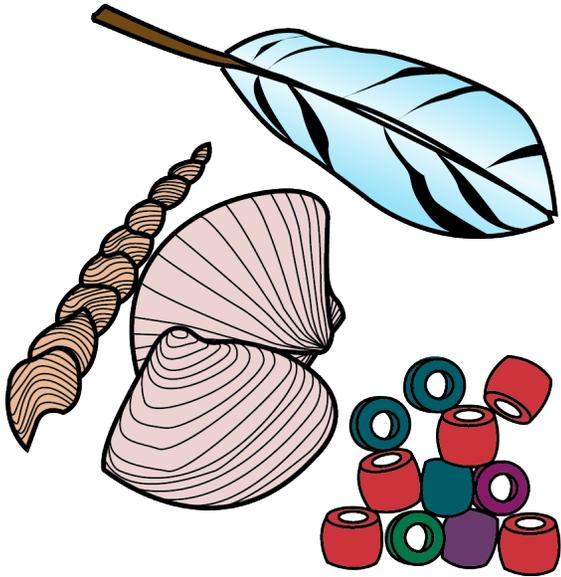


**for Grades PreK-2**

# **Teacher Presentation Slides**

**for use with Educator Guide**

# TIMELINE: THE HISTORY OF MONEY



**Feathers, shells  
beads**

**PAST**



**Gems, precious  
metals, coins**

**PRESENT**



**Money today**



# STORY PROBLEMS: COUNTING COINS

## CHALLENGE 1

**Jamie has a handful of coins. She wants to know how many coins she has and what kind of coins they are.**



- a) Can you find the penny? The nickel? The dime? The quarter?
- b) How many coins does Jamie have all together?
- c) Which coin is the largest? The smallest?

# STORY PROBLEMS: COUNTING COINS

## CHALLENGE 2

**Diego has a pocket full of change. He wants to know how many coins he has and how much they are worth.**

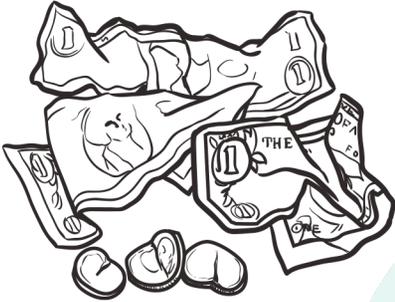


- How many coins does Diego have?**
- How much is each coin worth?**
- How much are they worth all together?**



# THE CYCLE OF MONEY

**Old money is collected and recycled.**



**Money is printed or made.**



**Money travels to bank for use.**



**Money is spent by shop owner.**



**Money is earned by worker.**



**Money is earned by shop owner.**



**Money is spent by worker.**

# STORY PROBLEMS: LEARN TO EARN

## CHALLENGE 1

**Stephen helps his dad mow the lawn. He gets 4 quarters. He helps his mom with dishes and gets 4 more quarters. How many coins does he have?**

- a) Draw a picture of how many coins Stephen got from his dad.**
- b) Draw a picture of how many coins Stephen got from his mom.**
- c) Count all the coins.**
- d) Write the number of coins Stephen has all together.**

# STORY PROBLEMS: LEARN TO EARN

## CHALLENGE 2

**Sarah and Jayden have been selling cards they made for \$1 each at the local store. On Monday they sold 2 cards, Tuesday they sold 4 cards, Wednesday they sold 2 cards.**

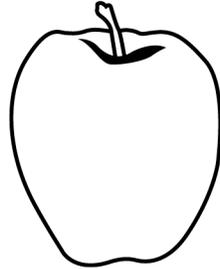
- a) Draw a picture of how many cards Sarah and Jayden sold for all 3 days.**
- b) How many cards did they sell?**
- c) How much money did they make?**
- d) If they each get half the money, how much do they each get?**

# DEFINITIONS: NEEDS AND WANTS

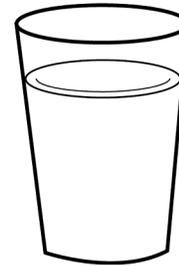
**Needs** are something you must have  
in order to live a healthy life.



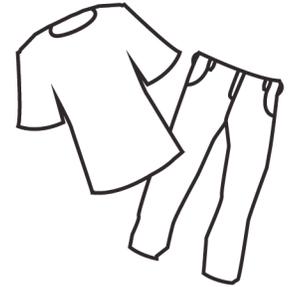
**Shelter**



**Food**

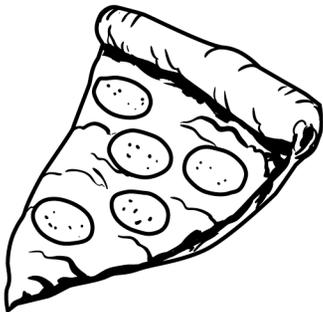


**Water**



**Clothes**

**Wants** are something you would like to have  
but could live without.



**Pizza**



**Toys**



**Candy**



**Video Games**

# CHART: NEEDS AND WANTS

<b>Things We <b>Need</b> for Our Classroom</b>	<b>Things We <b>Want</b> for Our Classroom</b>
<b>Pencils</b> <b>Paper</b>	<b>Markers</b> <b>Stickers</b>

# STORY PROBLEMS: WEIGHING NEEDS AND WANTS

## CHALLENGE 1

Liam has **\$5** to spend. He **needs** to buy lunch for school, but **wants** a toy car.

- a) Draw a picture of the thing Liam needs, and write the word **“needs”** under the picture.
- b) Draw a picture of the thing Liam wants, and write the word **“wants”** under the picture.
- c) Liam wants to buy lunch for school. Lunch costs **\$3** and the toy car costs **\$2**. Is Liam going to have enough money for lunch and the toy car?

# STORY PROBLEMS: WEIGHING NEEDS AND WANTS

## CHALLENGE 2

**Maria was given \$10 to spend on art supplies for summer camp. She wants to buy crayons, markers, colored paper, and stamps. She also wants to buy an extra-special eraser for her pencil. Use the prices below to solve the problems.**

**Crayons: \$2    Markers: \$3    Colored Paper: \$2**  
**Stamps: \$4    Eraser: \$1**

- a) Does Maria have enough money to buy all of the things she wants?**
- b) What 3 things can Maria buy with her \$10?**
- c) If Maria only buys 3 things on her list, will she have enough left over for the eraser? Use drawings, words, and number sentences to show your thinking.**

# **CLASSROOM GOALS**

**What does our class need?**

**What does our class want?**

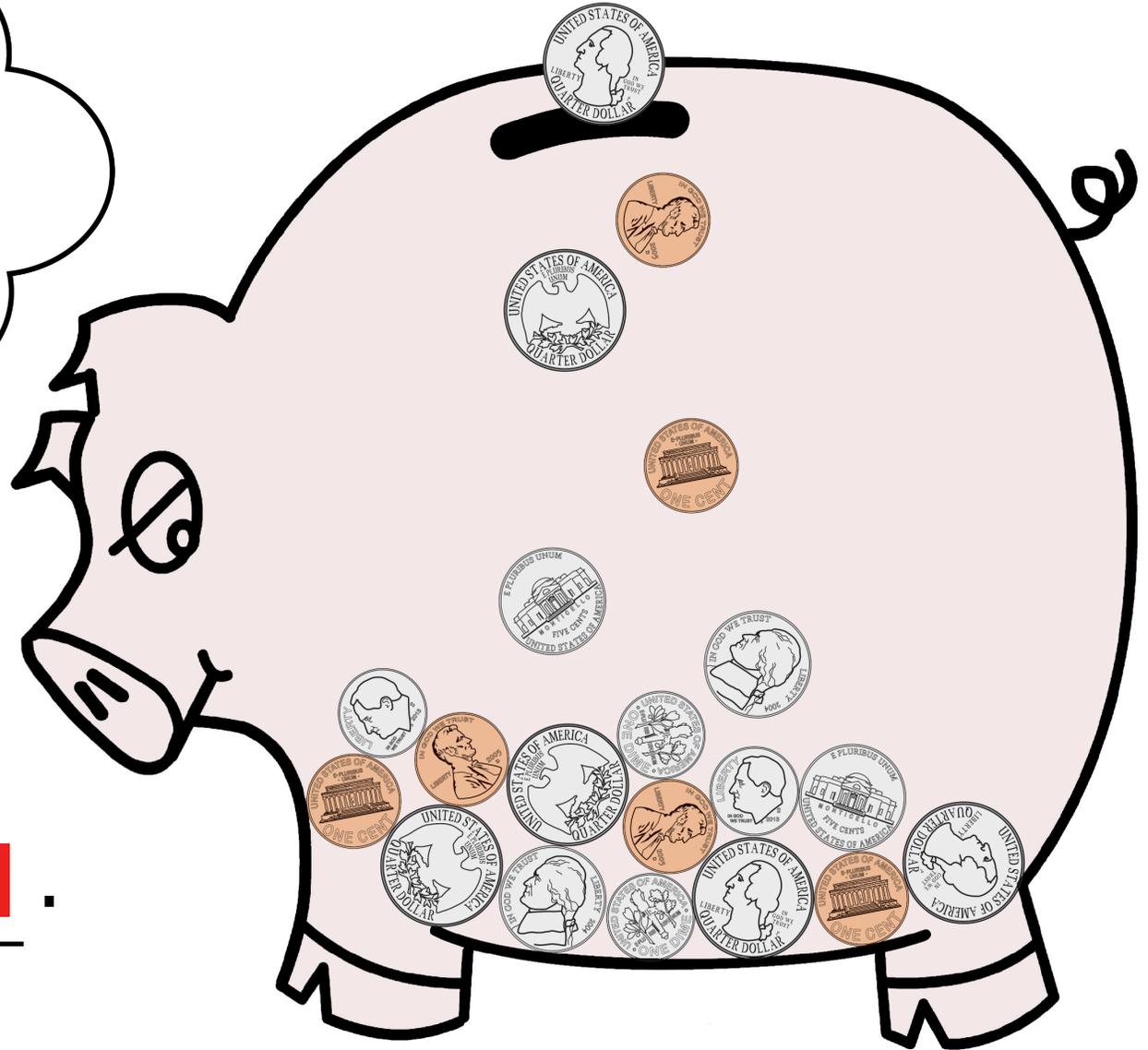
**What goals could we set to work toward our wants or needs?**



# SAVINGS GOAL EXAMPLE



I am saving for a  
**soccer ball** .



# STORY PROBLEMS: READY. SET. GOAL.

## CHALLENGE 1

**Sam wants 3 balloons: one for his mom, one for his sister, and one for himself. He has 2 balloons. How many more balloons does he need to reach his goal of 3 balloons?**

- a) Draw the balloons Sam already has.**
- b) Draw the number of balloons he needs.**
- c) Write a number sentence to solve the problem.**

# STORY PROBLEMS: READY. SET. GOAL.

## CHALLENGE 2

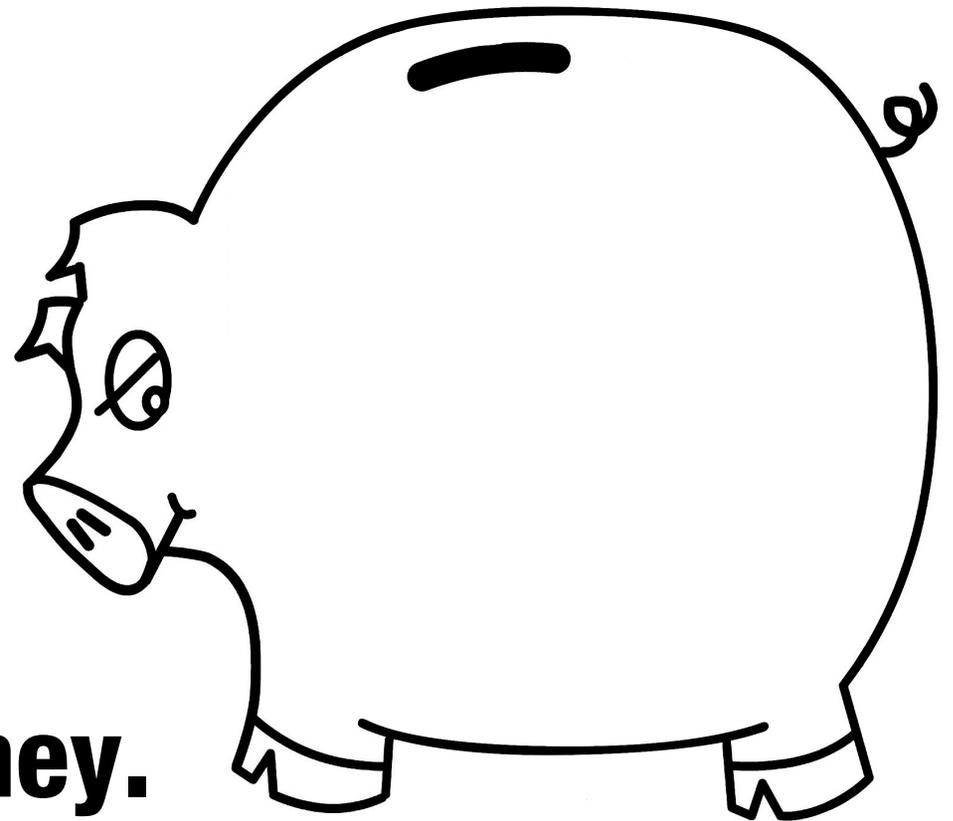
**Sophia wants to buy a new cage for her pet rabbit. The cage costs \$10, but Sophia has only \$3. Sophia does chores around the house to earn extra money. She earns \$1 for every chore she does.**

- a) Does Sophia have enough money to buy the cage?**
- b) How much more money does Sophia need to earn?**
- c) How many chores does Sophia need to do in order to buy the cage?**

# WAYS TO USE MONEY



We can **spend** money.



We can **save** money.

# STORY PROBLEMS: SUPER SAVERS

## CHALLENGE 1

**Molly's grandma gave her a piggy bank for her birthday. Molly also got \$2 from her aunt and \$3 from her grandpa. She put her money into her piggy bank.**

- a) Draw the piggy bank.**
- b) Draw the \$2 Molly got from her aunt.**
- c) Draw the \$3 Molly got from her grandpa.**
- d) Count how many dollars Molly has all together.**

# STORY PROBLEMS: SUPER SAVERS

## CHALLENGE 2

**Alex saved his money for a whole month. In the first week, he saved \$10. In the second week, he saved \$15. In the third week, he saved \$8. In the fourth week, he saved \$12. How much money did he save that month?**

- a) How much money did Alex save in week 1?**
- b) How much money did Alex save in week 2?**
- c) How much money did Alex save in week 3?**
- d) How much money did Alex save in week 4?**
- e) Add the money from all 4 weeks to find out how much money Alex saved in one month.**

# **BORROWING BOOKS RESPONSIBLY**

**Take good care of books.**

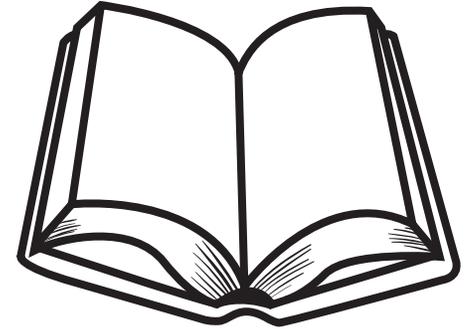
**Lose books.**

**Give books away to someone else.**

**Return books on time (due date).**

**Use books respectfully.**

**Draw in or tear out pages from a book.**



# STORY PROBLEMS: BORROWING BILLS

## CHALLENGE 1

**Cat has 5 balls of yarn. His friend Kitten wants to borrow 3 balls of yarn so he can play. How many balls of yarn does Cat have after he lets Kitten borrow the balls of yarn?**

- a) Draw a picture of Cat's 5 balls of yarn.**
- b) Circle the balls of yarn Kitten wants to borrow.**
- c) Count, and then write, the number of balls of yarn Cat has left.**

# STORY PROBLEMS: BORROWING BILLS

## CHALLENGE 2

**Callie and Isabel have 40 pennies all together. Isabel has 16 pennies.**

- a) How many pennies does Callie have?**
- b) If Callie lends 9 pennies to Isabel, how many pennies does she have left?**
- c) How many pennies is Isabel borrowing from Callie?**
- d) How many pennies does Isabel now have in total?**

# **Teacher Presentation Slides Answer Key**

# STORY PROBLEMS: COUNTING COINS

## CHALLENGE 1

**Jamie has a handful of coins. She wants to know how many coins she has and what kind of coins they are.**



- a) Can you find the penny? The nickel? The dime? The quarter?
- b) How many coins does Jamie have all together? 4 coins
- c) Which coin is the largest? The smallest?  
The quarter is the largest. The dime is the smallest.

# STORY PROBLEMS: COUNTING COINS

## CHALLENGE 2

**Diego has a pocket full of change. He wants to know how many coins he has and how much they are worth.**



**a) How many coins does Diego have? 7 coins**

**b) How much is each coin worth?**

Each penny is worth 1 cent. Each nickel is worth 5 cents.  
1 dime is worth 10 cents. 1 quarter is worth 25 cents.

**c) How much are they worth all together? 48 cents**

# STORY PROBLEMS: LEARN TO EARN

## CHALLENGE 1

**Stephen helps his dad mow the lawn. He gets 4 quarters. He helps his mom with dishes and gets 4 more quarters. How many coins does he have?**

- a) Draw a picture of how many coins Stephen got from his dad.**
- b) Draw a picture of how many coins Stephen got from his mom.**
- c) Count all the coins.**
- d) Write the number of coins Stephen has all together.**

8 coins

# STORY PROBLEMS: LEARN TO EARN

## CHALLENGE 2

**Sarah and Jayden have been selling cards they made for \$1 each at the local store. On Monday they sold 2 cards, Tuesday they sold 4 cards, Wednesday they sold 2 cards.**

- a) Draw a picture of how many cards Sarah and Jayden sold for all 3 days.**
- b) How many cards did they sell? 8 cards**
- c) How much money did they make? \$8**
- d) If they each get half the money, how much do they each get? \$4**

# STORY PROBLEMS: WEIGHING NEEDS AND WANTS

## CHALLENGE 1

Liam has **\$5** to spend. He **needs** to buy lunch for school, but **wants** a toy car.

- a) Draw a picture of the thing Liam needs, and write the word **“needs”** under the picture.
- b) Draw a picture of the thing Liam wants, and write the word **“wants”** under the picture.
- c) Liam wants to buy lunch for school. Lunch costs **\$3** and the toy car costs **\$2**. Is Liam going to have enough money for lunch and the toy car? Yes

# STORY PROBLEMS: WEIGHING NEEDS AND WANTS

## CHALLENGE 2

**Maria was given \$10 to spend on art supplies for summer camp. She wants to buy crayons, markers, colored paper, and stamps. She also wants to buy an extra special eraser for her pencil. Use the prices below to solve the problems.**

**Crayons: \$2   Markers: \$3   Colored Paper: \$2  
Stamps: \$4   Eraser: \$1**

- a) Does Maria have enough money to buy all of the things she wants? No
- b) What 3 things can Maria buy with her \$10?  
Possible answer: Crayons, Markers, and Stamps for \$9
- c) If Maria only buys 3 things on her list, will she have enough left over for the eraser? Use drawings, words, and number sentences to show your thinking. Yes. If she buys crayons, markers, and stamps for \$9 she will have \$1 left.

# STORY PROBLEMS: READY. SET. GOAL.

## CHALLENGE 1

**Sam wants 3 balloons: one for his mom, one for his sister, and one for himself. He has 2 balloons. How many more balloons does he need to reach his goal of 3 balloons?**

- a) Draw the balloons Sam already has.**
- b) Draw the number of balloons he needs.**
- c) Write a number sentence to solve the problem.**

2 balloons + 1 more balloon = 3 balloons

# STORY PROBLEMS: READY. SET. GOAL.

## CHALLENGE 2

**Sophia wants to buy a new cage for her pet rabbit. The cage costs \$10, but Sophia has only \$3. Sophia does chores around the house to earn extra money. She earns \$1 for every chore she does.**

**a) Does Sophia have enough money to buy the cage?**

No

**b) How much more money does Sophia need to earn?**

\$7

**c) How many chores does Sophia need to do in order to buy the cage? 7 chores**

# STORY PROBLEMS: SUPER SAVERS

## CHALLENGE 1

**Molly's grandma gave her a piggy bank for her birthday. Molly also got \$2 from her aunt and \$3 from her grandpa. She put her money into her piggy bank.**

- a) Draw the piggy bank.**
- b) Draw the \$2 Molly got from her aunt.**
- c) Draw the \$3 Molly got from her grandpa.**
- d) Count how many dollars Molly has all together. \$5**

# STORY PROBLEMS: SUPER SAVERS

## CHALLENGE 2

**Alex saved his money for a whole month. In the first week, he saved \$10. In the second week, he saved \$15. In the third week, he saved \$8. In the fourth week, he saved \$12. How much money did he save that month?**

- a) How much money did Alex save in week 1? \$10**
- b) How much money did Alex save in week 2? \$15**
- c) How much money did Alex save in week 3? \$8**
- d) How much money did Alex save in week 4? \$12**
- e) Add the money from all 4 weeks to find out how much money Alex saved in one month. \$45**

# STORY PROBLEMS: BORROWING BILLS

## CHALLENGE 1

**Cat has 5 balls of yarn. His friend Kitten wants to borrow 3 balls of yarn so he can play. How many balls of yarn does Cat have after he lets Kitten borrow the balls of yarn?**

- a) Draw a picture of Cat's 5 balls of yarn.**
- b) Circle the balls of yarn Kitten wants to borrow.**
- c) Count, and then write, the number of balls of yarn Cat has left. 2 balls of yarn**

# STORY PROBLEMS: BORROWING BILLS

## CHALLENGE 2

**Callie and Isabel have 40 pennies all together. Isabel has 16 pennies.**

- a) How many pennies does Callie have? 24 pennies**
- b) If Callie lends 9 pennies to Isabel, how many pennies does she have left? 15 pennies**
- c) How many pennies is Isabel borrowing from Callie? 9 pennies**
- d) How many pennies does Isabel now have in total? 25 pennies**