

Lesson 86

Skills:

- Learn new sight words: heard, warrior, sword.
- Learn about well-known Bible characters.
- Apply spelling and phonics concepts.
- Make an origami animal.
- Make a model of sedimentary layers.
- Round numbers to the nearest ten.
- Make direct comparisons using a measurable attribute: weight.
- Make a prediction.
- Use a chart to record information.
- Add and subtract three-digit numbers.
- Recall multiplication and division facts.

Materials:

- ❖ Rocks
- ❖ Empty water bottle
- ❖ Sand
- ❖ Soil
- ❖ Dead plant parts (leaves, stems, roots)
- ❖ Gravel
- ❖ Balance scale (directions included to make a scale)
- ❖ Sight word flashcards: heard, warrior, sword
- ❖ Multiplication flashcards
- ❖ Dimes
- ❖ Rounding Bingo game
- ❖ *Let's Rock, Science Adventures with Rudie the Origami Dinosaur*, by Eric Braun
- ❖ *Misty of Chincoteague*, by Marguerite Henry
- ❖ Worksheets 86, 86a

Daily Opening Routine:

- ❖ Continue routine activities.
- ❖ Have the child review the Lord's Prayer.
"This, then, is how you should pray: 'Our Father in heaven, hallowed be your name, your kingdom come, your will be done, on earth as it is in heaven. Give us today our daily bread'" (verses 9-11).
- ❖ Read *Misty of Chincoteague*, chapters 3-4.
- ❖ Have your child write about any topic he chooses in his journal.

Language Arts/Science/Art/Bible:

- ❖ Use flashcards to introduce the new sight words *heard, warrior, sword*.
- ❖ Read *Let's Rock, Science Adventures with Rudie the Origami Dinosaur*. Follow the directions on pages 22-23 to make an origami T. Rex.
- ❖ Worksheet 86, part A: Have the child read the words.

- ❖ Worksheet 86, part B: Have him read the story and write the answers to the questions on a sheet of paper.

Answers:

1. *The Israelites and Philistines were fighting in a battle.*
2. *The Philistines' champion fighter was Goliath. He was over nine feet tall.*
3. *When the Israelites saw Goliath, they were afraid and ran away.*
4. *David offered to go and fight Goliath.*
5. *David was only a boy. Goliath had been a warrior since he was a young man.*
6. *David won the battle. David defeated Goliath with only a sling and a stone.*
7. *Answers will vary.*

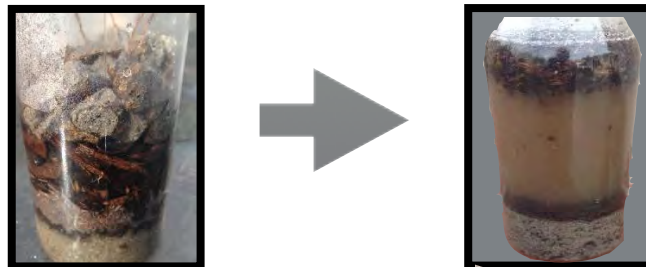
- ❖ Worksheet 86, part C: Have the child draw a picture of the battle between David and Goliath.

- ❖ Play Spelling Baseball.

- Designate a first, second, third, and home base in the room. You may also draw a baseball diamond on a sheet of paper and use a coin to represent the player.
- The child comes to "bat." He advances around the bases by spelling words. Simple words earn a single base. More difficult words earn a double, triple, or home run. Divide the sight word flashcards into four categories: single, double, triple, and home run.
- Have your child choose the number of bases he would like to earn.
- Say a word from the corresponding category. If he spells it correctly, he advances to that base.
- Continue to choose base hits and spell words.
- Each time the child crosses home plate, he earns a run.
- If he is not able to spell the word correctly, he receives an "out." After three "outs" his turn is over.
- See how many runs the child can score before he is out.
- Play nine innings. Keep track of his score each inning.

- ❖ Make a model of sedimentary layers. This demonstrates how sedimentary rocks are formed in rivers, lakes, and oceans.

- Pour a layer of sand into an empty water bottle.
- Add a layer of soil.
- Add dead plant parts (leaves, stems, roots).
- Add a layer of gravel.
- Fill the bottle $\frac{3}{4}$ full of water.
- Screw on the lid, and shake the bottle until the contents are mixed well.
- Let the bottle sit, and observe the results over time. The contents should settle to the bottom of the bottle in different layers. The dead plant parts will float on the surface of the water.



Math:

- ❖ Make a balance scale to compare weights of objects.
 - Balance Scale One
 - ✦ Gather the following materials:
 - Sturdy hanger
 - Two small containers: margarine tubs, Tupperware, paper bowl, etc.
 - String
 - ✦ Poke a hole in two opposite sides of each small container.
 - ✦ Cut a 24-inch piece of string and loop it over the pants bar of the hanger.
 - ✦ Tie each end of the string to a side of the container.
 - ✦ Repeat for the other container.
 - ✦ Adjust the containers on the end of the hanger so that it is balanced.
 - Balance Scale Two
 - ✦ Gather the following materials:
 - Cylindrical container: can of soda, paper towel tube, Pringles® can, etc.
 - Sturdy ruler
 - Two small containers: margarine tubs, Tupperware®, paper bowl, etc.
 - Play dough
 - ✦ Put play dough under the cylindrical container so that it stays in place on a table.
 - ✦ Use glue or play dough to attach one small container to each end of the ruler.
 - ✦ Put a small amount of play dough in the middle of the ruler, and stick it to the cylinder so that the ruler is balanced.
- ❖ Have the child gather the rocks to compare. Number each rock.
- ❖ Choose two of these items and predict which is heavier. Have the child make a chart on a sheet of paper, and record his prediction.

| Items to compare | | Predict which item is heavier | Which is heavier? |
|------------------|--|-------------------------------|-------------------|
| | | | |
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| | | | |

- ❖ Place one rock in each container on the balance scale, and see which is heavier. (*The container that drops lower has the heavier item.*) Record the results on the chart.
- ❖ Continue with the remaining rocks.
 - How many of your predictions were correct?
 - Choose your favorite rock. Compare the weights of each rock to your favorite rock.
 - Arrange the rocks on a table in order from lightest to heaviest.
- ❖ Teach the child the multiplication facts of ten. There is a memory trick that is helpful when learning ten facts.
 - Show the flashcard $6 \times 10 = 60$
 - Have the child place six dimes in front of him. Ask the child, "How much is each dime worth?" (*ten cents*) Have the child count by tens: ten, twenty, thirty, forty, fifty, sixty.
 - Ask the child, "When we place a zero behind the numeral six, what number do we have?" (*sixty*)
 - When a number is multiplied by ten, put a zero behind the number. This is the product.
 - Show the child the tens flashcards. Have him say the product of each equation.

- ❖ Worksheet 86a, part A: Have the child add or subtract three-digit numbers.

Answers:

- | | | | | |
|----------|--------|----------|----------|---------------|
| 1. 616 | 2. 656 | 3. 1,275 | 4. 1,537 | 5. 361 |
| 6. 1,159 | 7. 61 | 8. 34 | 9. 1,549 | 10. 691 rocks |

- ❖ Worksheet 86a, part B: Have the child multiply or divide.

Answers:

- | | | | | |
|-------------|--------------|--------|--------|--------|
| 1. 90 | 2. 80 | 3. 9 | 4. 10 | 5. 60 |
| 6. 63 | 7. 80 | 8. 72 | 9. 27 | 10. 18 |
| 11. 10 | 12. 81 | 13. 40 | 14. 70 | 15. 50 |
| 16. 6 | 17. 4 | 18. 8 | 19. 8 | 20. 6 |
| 21. 3 | 22. 7 | 23. 4 | 24. 6 | 25. 7 |
| 26. 5 | 27. 2 | 28. 10 | 29. 7 | 30. 4 |
| 31. 5 weeks | 32. 80 cents | | | |

- ❖ Play Rounding Bingo.

- Each player uses a game board.
- Have the child choose one number card and round the number to the closest ten.
- Each player covers the number with a bingo marker if it is on his game board.
- The first player to cover five numbers in a row (may be horizontal, vertical, or diagonal), is the winner.

Physical Education:

- ❖ Play “Pin the Rock on Goliath” (a variation of “Pin the Tail on the Donkey”). Draw an outline of Goliath on a large piece of paper, and cut out a paper rock for the child to use. Make additional rocks if siblings or friends will be playing the game. Tape Goliath to the wall. Blindfold the child, spin once if desired, and then have the child walk forward to tape the rock onto Goliath’s head. Uncover the child’s eyes, and see if the rock is on Goliath’s head. Repeat as many times as desired.
- ❖ Save the outline of Goliath for Lesson 88.

name _____



Part A: Read the words.

| | | | | | |
|------------|-------------|----------|-------------|----------|------------|
| blotch | trick | jumper | snub | glitter | thirst |
| broil | dress | yelling | crust | joining | flick |
| clinic | quaking | quacking | progress | strap | plunk |
| Israelites | Philistines | Goliath | discouraged | champion | protection |

Part B: Read the story about David and Goliath from I Samuel 17. Then write the answers to the questions on a sheet of paper.

The Philistines gathered their armies for war. They controlled one hill while the Israelites controlled another. The valley was between them. The Philistines had a champion fighter named Goliath. He was over nine feet tall.

Goliath stood and shouted to the Israelite soldiers, "Today I stand and dare the army of Israel! Choose a man and send him to fight me. If he can fight and kill me, we will be your servants. But if I can kill him, you will be our servants." When Saul and the Israelites heard the Philistine's words, they were very scared. For forty days, Goliath came out every morning and evening and stood before the Israelite army.

David was the youngest son of Jesse, and he took care of his father's sheep. Jesse said to David, "Take food to your brothers at the army camp and bring back some proof to show me that they are all right."

Early in the morning, David left the sheep with another shepherd. When David arrived at the camp, the armies were lining up their men to face each other in battle. David left the food with the man who kept the supplies and ran to the battle line to talk to his brothers. While he was talking with them, Goliath began yelling things against Israel as usual. When the Israelites saw Goliath, they were afraid and ran away.

David asked the men who stood near him, "Who does this Philistine think he is? Does he think he can speak against the armies of the living God?"

David said to Saul, "Don't let anyone be discouraged. I will go and fight Goliath!"

Saul answered, "You can't go out against this Philistine and fight him. You're only a boy. Goliath has been a warrior since he was a young man."

But David said to Saul, "I have been keeping my father's sheep. When a lion or bear came and took a sheep from the flock, I would chase it. I would attack it and save the sheep from its mouth. When it attacked me, I caught it by its fur and killed it. The Lord who saved me from a lion and a bear will save me from this Philistine."

Saul put a bronze helmet on David's head and dressed him in armor for protection. David tried to walk, but he couldn't. He wasn't used to all the armor, so David took it all off. He took his stick in his hand and chose five smooth stones from a stream. He put them in his shepherd's bag and grabbed his sling. Then he went to meet the Philistine.

Goliath looked down on David with disgust. But David said to him, "You come to me using a sword and two spears. But I come to you in the name of the Lord All-Powerful, the God of the armies of Israel! You have spoken against him. Today the battle belongs to him, and the Lord will help me kill you."

As Goliath came near to attack him, David ran quickly to meet him. He took a stone from his bag, put it into his sling, and slung it. The stone hit the Philistine and went deep into his forehead, and Goliath fell facedown on the ground. David defeated the Philistine with only a sling and a stone.

1. Which armies were fighting in a battle?
2. Who was the Philistines' champion fighter? How tall was he?
3. How did the Israelites react to Goliath?
4. Who was the only one who offered to fight Goliath?
5. Why was Saul hesitant for David to fight Goliath?
6. Who won the battle, David or Goliath? How?
7. What difficult things can you do with God's help?

Part C: Draw a picture of the battle between David and Goliath.

name _____



Part A: Add or subtract the three-digit numbers.

$$\begin{array}{r|c|c} \text{hundreds} & \text{tens} & \text{ones} \\ \hline 1. & 8 & 0 & 4 \\ & - & 1 & 8 & 8 \\ \hline & & & & \end{array}$$

$$\begin{array}{r|c|c} \text{hundreds} & \text{tens} & \text{ones} \\ \hline 2. & 8 & 5 & 1 \\ & - & 1 & 9 & 5 \\ \hline & & & & \end{array}$$

$$\begin{array}{r|c|c} \text{hundreds} & \text{tens} & \text{ones} \\ \hline 3. & 9 & 3 & 9 \\ & + & 3 & 3 & 6 \\ \hline & & & & \end{array}$$

$$\begin{array}{r|c|c} \text{hundreds} & \text{tens} & \text{ones} \\ \hline 4. & 7 & 4 & 0 \\ & + & 7 & 9 & 7 \\ \hline & & & & \end{array}$$

$$\begin{array}{r|c|c} \text{hundreds} & \text{tens} & \text{ones} \\ \hline 5. & 2 & 4 & 2 \\ & + & 1 & 1 & 9 \\ \hline & & & & \end{array}$$

$$\begin{array}{r|c|c} \text{hundreds} & \text{tens} & \text{ones} \\ \hline 6. & 9 & 7 & 3 \\ & + & 1 & 8 & 6 \\ \hline & & & & \end{array}$$

$$\begin{array}{r|c|c} \text{hundreds} & \text{tens} & \text{ones} \\ \hline 7. & 1 & 6 & 5 \\ & - & 1 & 0 & 4 \\ \hline & & & & \end{array}$$

$$\begin{array}{r|c|c} \text{hundreds} & \text{tens} & \text{ones} \\ \hline 8. & 4 & 1 & 9 \\ & - & 3 & 8 & 5 \\ \hline & & & & \end{array}$$

$$\begin{array}{r|c|c} \text{hundreds} & \text{tens} & \text{ones} \\ \hline 9. & 9 & 1 & 0 \\ & + & 6 & 3 & 9 \\ \hline & & & & \end{array}$$

10. 182 rocks tumbled down the mountain.
509 more rocks tumbled down.
How many rocks tumbled down the mountain?

$$\begin{array}{r|c|c} \text{hundreds} & \text{tens} & \text{ones} \\ \hline & & & \\ & & & \\ & & & \\ \hline + & & & \\ \hline & & & \end{array}$$

Part B: Multiply or divide.

$$\begin{array}{r} 1. \quad 9 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 10 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 9 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 1 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 10 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 9 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 8 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 9 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 9 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 9 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 10 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 9 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad 8 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 10 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 15. \quad 5 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 16. \quad 48 \\ \div 8 \\ \hline \end{array}$$

$$\begin{array}{r} 17. \quad 24 \\ \div 6 \\ \hline \end{array}$$

$$\begin{array}{r} 18. \quad 40 \\ \div 5 \\ \hline \end{array}$$

$$\begin{array}{r} 19. \quad 8 \\ \div 1 \\ \hline \end{array}$$

$$\begin{array}{r} 20. \quad 54 \\ \div 9 \\ \hline \end{array}$$

$$\begin{array}{r} 21. \quad 15 \\ \div 5 \\ \hline \end{array}$$

$$\begin{array}{r} 22. \quad 14 \\ \div 2 \\ \hline \end{array}$$

$$\begin{array}{r} 23. \quad 12 \\ \div 3 \\ \hline \end{array}$$

$$\begin{array}{r} 24. \quad 30 \\ \div 5 \\ \hline \end{array}$$

$$\begin{array}{r} 25. \quad 28 \\ \div 4 \\ \hline \end{array}$$

$$\begin{array}{r} 26. \quad 20 \\ \div 4 \\ \hline \end{array}$$

$$\begin{array}{r} 27. \quad 2 \\ \div 1 \\ \hline \end{array}$$

$$\begin{array}{r} 28. \quad 50 \\ \div 5 \\ \hline \end{array}$$

$$\begin{array}{r} 29. \quad 49 \\ \div 7 \\ \hline \end{array}$$

$$\begin{array}{r} 30. \quad 20 \\ \div 5 \\ \hline \end{array}$$

31. There are 35 days until Jon leaves on vacation. How many weeks until he leaves?

32. Sally has eight dimes in her pocket. What is the value of her coins?
