Jacob's Magic Mittens



Supplemental Activity Workbook

The Magic Words

Directions: Match the vocabulary words from the Playbook® story with the correct definition by writing the letters shown in the word bank on the lines provided.

- 1. to stir up a fire
- 2. _____ sudden, unplanned
- 3. oral response by student in a class
- 4. covered with long strips of wood
- 5. to think or suppose
- 6. _____ strong or bright in color
- 7. _____ acting on a sudden urge
- 8. _____ a dull sound of objects hitting one another
- 9. _____ something not fitting in with a general or usual rule
- 10. _____ a group or forest of trees
- 11. ____ misty or unclear
- 12. ____ dark outline of an object filled in with flat black



- A. exception B. vibrant C. impulsive
 - D. grove E. clunk F. spontaneous
 - G. reckon H. recitation I. hazy
- J. silhouette K. planked L. stoke

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Miracle Math

Directions: Solve the math problems below.

1.
$$8x = 48$$

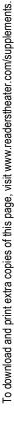
2.
$$9 \div y = 3$$
 3. $42 = 6j$

$$3. 42 = 6$$

4.
$$21 + 84 + 42$$
 5. $(66 + 75) + (24 + 82 + 7)$

- 9. Jacob collected fifty-six pieces of firewood this week. Three-sevenths of them were longer than eighteen inches. How many of them were shorter than eighteen inches? _____
- 10. Jacob eats between two and six peanut butter sandwiches each week. What is the least number of peanut butter sandwiches he would eat in five weeks? What is the most?
- 11. There are 24 kids skating at the pond. Seven-eighths of the kids are wearing gloves. How many of the kids are not wearing gloves?
- 12. Jacob, Matthew, Emily, and Thomas are participating in a spelling bee at school today. In how many different orders can they finish in the competition?
- 13. Jacob and Matthew walked into the forest to look for help for Jacob's mother. They walked 0.4 miles until they came to a tree that had been hit by lightning. Then they walked 0.3 miles to a frozen pond. From there, it was .7 miles until they reached Nurse Angela's house. How far did they walk

altogether?



Name:

Through the Woods

Directions: Answer the following questions about the Playbook® story in complete sentences.

1. What bothers Jacob the most about being poor? Support your answer with examples from the story. 2. Why do you think Jacob's mother is so resistant to talking about Jacob's grandmother's stories? 3. Where do you think Jacob's father has gone? Why might he have not returned yet? 4. What do you think the red mittens symbolize in this story? Explain. 5. Why do you think the author chose to suggest Nurse Angela was a friend of Jacob's grandmother?

Finish the History

In the story, *Jacob's Magic Mittens*, Jacob's class is learning about U.S. presidents. Finish the lesson by completing Parts A, B, and C below.

Part A: Write the names of the first five U.S. presidents on the lines provided.



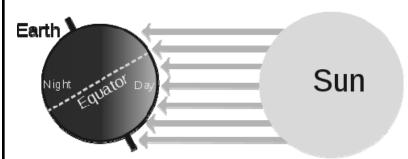
| 1 |
|---|
| 2 |
| 3. |
| 4 |
| 4 |
| 5 |
| Part B: Write the names of the five most recent presidents, starting with the current president. |
| 1 |
| 2 |
| 2 |
| 3 |
| 4 |
| 5 |
| Part C: Pick a president from the names you listed above and fill out the following information about the president you chose, using the Internet to research. Name: |
| Рапу: |
| Year entered office: |
| Year left office: |
| Terms served: |
| Vice President Name |
| Policies best known for: |
| |
| |
| |
| |
| |
| Personally (non-politically) best known for: |
| |
| |

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Snowy Weather

In the story, it's clearly wintertime ... but blizzardy winters don't happen everywhere ... and definitely not at the same time! The earth has seasons because every year, it moved around the sun. The Earth also spins on a tilted axis every day so different parts of the earth receive more direct sun rays at different times of year. The picture below shows the earth's angle in relation to the sun at one point in time.





As the earth moves around the sun, during some of the year, the Earth's southern half (hemisphere) receives the most direct sunlight, while at the opposite times, the northern hemisphere receives more direct sun.

This is what creates warm and cold seasons. However, depending on your distance from the Equator, you will experience more clear or mild seasons. People who live on the equator experience no seasonal changes.

Seasons even vary across the United States. Southern California residents experience mild winters with largely no snow, while those in Minnesota experience blizzards and below freezing temperatures. Weather is dependant on your distance from the equator and your elevation, with locations higher above sea level having colder temperatures.

Directions: Go to the following web site (http://lopez-sosa-enb150.blogspot.com/2011/01/lab-assignment.html) and use the temperature maps shown to answer the questions below. The maps show Average Annual Temperatures for the United States in Summer and Winter.

| 1. | What are the two hottest U.S. states during the summer? |
|----|---|
| 2. | What are the three coldest U.S. states during the winter? |

3. Is the coolest state during the summer the same as the coolest state during the winter?

- 4. What is the most common temperature range in degrees Fahrenheit (span of two color categories on the map) during summer?
- 5. What range of temperatures in Fahrenheit is covered by the key?
- 6. Which states have portions that experience average winter temperatures of 25-30 degrees according to the map?
- 7. Which states' average temperatures in winter and summer are the closest to one another (approximately)?
- 8. Which region of the country is coolest on average? Which is hottest?

Science Weather/Earth Science

Jacob's Magic Mittens Answer Key For Teacher Use Only

The Magic Words

- 1. L
- 8. E
- 2. F
- 9. A
- 3. H
- 10. D
- 4. K
- 11. I
- 5. G
- 12. J
- 6. B
- 7. C

Miracle Math

- 1.
- 2. v = 3

x = 6

- 3. j = 7
- 4. 147
- 5. 254
- 6. 186
- 7. 34

- 8. 15 R 6
- 9. 32 pieces
- 10. Least = 10 Most = 30
- 11. 3 kids
- 12. 24 orders
- 13. 1.4 miles

Through the Woods

Answers will vary.





Part A:

George Washington

Finish the History

- 2. John Adams
- 3. Thomas Jefferson
- 4. James Madison
- 5. James Monroe

Part B:

- 1. Barack Obama
- 2. George W. Bush
- 3. Bill Clinton
- 4. George H. W. Bush
- 5. Ronald Reagan

Part C: Answers will vary.

Snowy Weather

- 1. Arizona and New Mexico
- 2. Alaska, Minnesota, North Dakota
- 3. yes
- 4. 70-80 degrees
- 5. -5 95 degrees
- Washington, Oregon, Idaho, Utah, Colorado, Wyoming, Nebraska, Oklahoma, Missouri, Illinois, Indiana, Ohio, West Virginia, Pennsylvania, New York, Connecticut, Rhode Island, Massachusetts
- 7. California and Florida
- 8. Coolest: Northern Warmest: Southern





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