

Teaching Guide to *Shortcuts* by Jeff Harris

Introduction

Shortcuts by Jeff Harris is a beautifully illustrated, fact-packed page that makes learning fun. Each week, *Shortcuts'* multicultural cast (Juanita, K., Roland, Junior and James) offers facts, riddles, jokes and puzzles to help kids learn about science, geography, animals, food, history and holidays.

Each teaching guide provides ideas for expanding the lesson and creating discussion and learning activities for your students. The grade level for the guides is usually 3rd to 4th, but they can be adapted for use at other levels. The guides are broken down into four areas:

1. Questions for Discussion and Further Study

Designed to help students think and research, not just give one-word answers

2. Activity Ideas

Designed to allow students to be creative and teach themselves

3. Use the News

Designed to have students use the news in studying each topic

4. Quick Quiz

Designed to be adaptable to several grade levels, evaluate students' comprehension and build vocabulary and math skills

You might use the teaching guides in the following ways:

Questions for Discussion and Further Study: Engage the entire class by asking each question aloud and listing the students' answers on the board. Or have them use reference resources to give their own answers to the questions. Allow them to discuss other students' answers after they've researched the topics. Key words or phrases that can help students search for more information are italicized.

Activity Ideas: Give the students a time limit to research their projects, using library or study time. By having the students cite their resources you can check their work; or, alternatively, tell them which resource(s) you prefer them to use.

Use the News: These can be worked on individually but we suggest they work in groups to learn teamwork skills.

Quick Quiz: We suggest you review the quizzes ahead of time and change the phrasing or difficulty level based on the students' abilities.

Shortcuts: GET TO KNOW FIRST AID

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Objective: After completing the exercises, students should have a better understanding of first aid.

Subject Areas: The following information regarding first aid will be discussed:

- Hands Only First Aid
- First Aid for kids
- CPR

Evaluation: Students may be evaluated using the following point scale:

Four points: Information is accurate, organized, shows creative thought/use of materials

Three points: Information is accurate and organized

Two points: Information is mostly accurate; organization needs some work

One point: Significant inaccuracies; lacks organization

Topics for Discussion and Further Study

1. What does CPR mean and why is it called that?
2. How and why did the first St. John Ambulance Association get started?

Activity Ideas

- Many people who need CPR die because people standing close by are afraid they'll do something wrong, and do nothing. The American Heart Association says, "Do something. Your actions can only help." They have simplified CPR instructions to 2 steps (hands only) – Call 911 – Push hard and fast in the center of the chest. Visit this Web site for further information and fun videos.
<http://handsonlycpr.eisenberginc.com/>
- First Aid courses are offered for all ages of people, even kids! Look for them at the St. John Ambulance Assoc., hospital, fire station, etc. in your area. Knowing what to do in a medical emergency could save someone's life! Here's a great Web page on First Aid just for kids -
<http://www.cyh.com/HealthTopics/HealthTopicDetailsKids.aspx?p=335&id=1567&np=285> Discuss these techniques and make quizzes for each other to learn the basics. Remember to learn exactly what to do from a certified professional in First Aid.

Use the News

- ❖ How many news reports in the newspaper are about medical emergencies? Locate and identify as many incidents in which an ambulance, EMT, doctor, nurse, etc was needed.

Answers to the Quiz

- 1.) a 2.) c, 3.) a, 4.) a, 5.) b, 6.) b, 7.) Rescue 8.) choking, 9.) 480 , 10.) child

Quick Quiz — First Aid

1. In an emergency, call 911 before administering CPR if possible.
 - a. True
 - b. False
2. The order of St. John started _____ years ago.
 - a. 100
 - b. 400
 - c. 900
 - d. 2000
3. Only use two fingers to compress an infants chest during CPR.
 - a. True
 - b. False
4. A breath during CPR should only last about _____ seconds.
 - a. 2
 - b. 4
 - c. 8
 - d. 10
5. The Red Cross is only found in the United States.
 - a. True
 - b. False
6. Some of the first paramedics were _____ firefighters.
 - a. New York
 - b. Miami
 - c. Los Angeles
 - d. British

Vocabulary Comprehension

7. _____ societies reported on the effectiveness of resuscitation techniques.
8. The Heimlich maneuver helps victims that are _____.

Math Comprehension (subtraction, division, addition, fractions)

9. If you gave 16 cycles of CPR (2 breaths, 30 compressions), how many compressions will you have given?
10. If an adult should receive 2 breaths and 30 compressions, while a child should receive 1 breath and 5 compressions, in a cycle, which person will receive more breaths after a set time, such as 10 minutes of repeated cycles?