KATHERINE JOHNSON



Interest Level: 1-4

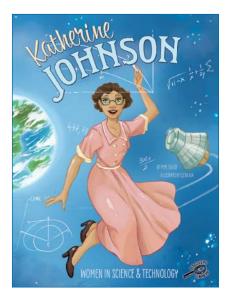
Reading Level: 2-3 Age Range: 6-9 Genre: Nonfiction

GRL: O

Lexile: 560L

Subject: Social Studies

Pages: 24 Standards: CCSS.RI.3.5 CCSS.SL.3.1 CCSS.W.3.8



LESSON OBJECTIVE

Students will be able to use text features and search tools to locate information relevant to a given topic efficiently.

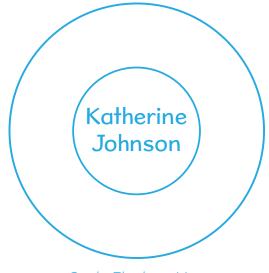
LESSON FOCUS: Text Features

Tell students that text features help the reader gain a deeper understanding of the text and provide additional information about a topic. Text features can be headings, captions, maps, bold words and pictures. Tell students that today as they read, they should pay close attention to the text features throughout the book and how they provide additional information about the topic.

BEFORE READING

ACTIVATING PRIOR KNOWLEDGE

Draw a circle thinking map on the board or chart paper. In the center of the circle, write the words, "Katherine Johnson". Have students turn and talk to their shoulder or face partner to discuss what they already know about Katherine Johnson. If they haven't heard of her, have them predict who she might be by looking at the front cover of the book. Have students share what their partner said. In the outer circle, record their answers. Have a class discussion about student's responses.



Circle Thinking Map

1

PREVIEW AND PREDICT

Have students study the cover of the book. Ask them to describe what they see and share what they think they will learn in the book. Engage students in a book walk. Show them the table of contents, glossary, sample of pages, headings or bolded information and illustrations or text features throughout the book.

AS YOU READ

The teacher will read aloud or students can read independently or with a partner. During reading, stop and talk about each text feature (headings, bold words, sidebars, pictures, captions and labeled diagrams). Discuss the type of text feature and what important information it provides to the reader. Stop and talk about any bold or unknown words. Encourage students to use context clues to determine the meaning of them.

AFTER YOU READ

Look back at the circle map and review what students already knew prior to reading. Ask them to share anything new they learned about Katherine Johnson after reading the book. After a brief discussion, ask questions that support your lesson focus.

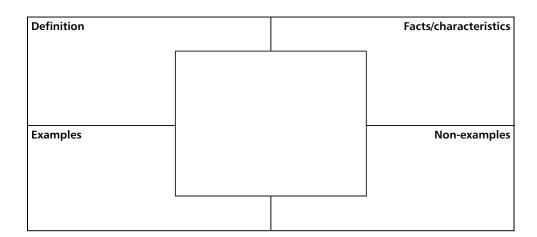
SUGGESTED AFTER READING ASSESSMENT QUESTIONS (Encourage students to look back in the text to support their answers):

- 1. How old was Katherine when she went to high school?
- 2. Why did Katherine and her family have to go to another city?
- 3. What challenges did Katherine face and how did she overcome them?
- 4. What did Katherine do backwards? Explain.
- 5. Look at the timeline. In what year did Katherine get the Presidential Medal of Freedom?

STUDENT EXTENSION ACTIVITY - KATHERINE JOHNSON



1. Identify any unknown words in the text and use the Frayer Model to gain a deeper understanding of them.



1. Create your own text feature that provides information about Katherine Johnson from the book.

Need More Space?
Grab a piece of

scrap paper!

NAME:

STUDENT EXTENSION ACTIVITY - KATHERINE JOHNSON

3. Use the RACE strategy (restate the question, answer the question, cite with text evidence, elaborate) to answer the following question.

How did Katherine's math help others?	
	9781731612229TN

Don't Forget to Edit Your Work! Check the spelling, punctuation and grammar.

