Teaching Focus:
Phonics: Word Study

Look at the words find and write. How do the two words sound alike? How do they look alike?

Tips for Reading this Book with Children:

1. Read the title.
   
   Predictions – after reading the title have students make predictions about the book.

2. Take a book walk:
   
   Talk about the pictures in the book. Use the content words from the book as you take the picture walk.
   
   Have children find one or two words they know as they do a picture walk.

3. Have children find words they recognize in the text.

4. Have students read the remaining text aloud.

5. Strategy Talk – use to assist children while reading.
   
   • Get your mouth ready
   • Look at the picture
   • Think…does it make sense
   • Think…does it look right
   • Think…does it sound right
   • Chunk it – by looking for a part you know

6. Read it again.

7. Complete the activities at the end of the book.
I Use Science Tools

by Kelli Hicks

Science Content Editor: Kristi Lew

www.rourkeclassroom.com
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A former high school teacher with a background in biochemistry and more than 10 years of experience in cytogenetic laboratories, Kristi Lew specializes in taking complex scientific information and making it fun and interesting for scientists and non-scientists alike. She is the author of more than 20 science books for children and teachers.

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Are you ready to use science tools in the science lab?
As you work, use a pencil to write down what you learn.
A **hand lens** makes small things look bigger.
If it is very tiny, use a **microscope** to look at it.
A camera takes pictures of what you see.
Use a **ruler** to measure how long something is.
A **scale** shows how much something weighs.
Measure liquid in a beaker.
A **timer** counts down time.
Science tools make the work easier.
1. How do tools help you in science?

2. Why would you need to use a microscope?

3. If you were a scientist, what tools would you need?
beaker (BEE-kur): A beaker is a plastic or glass jar with a spout for measuring and pouring liquids.

hand lens (HAND lenz): This is a glass lens that you hold in your hand. It makes things look bigger.

microscope (MYE-kruh-skope): A microscope has powerful lenses that make small things look bigger.
ruler (ROO-lur): A ruler is a long, flat piece of wood, plastic, or metal that you use for measuring distance.

scale (SKALE): A scale is a tool used for weighing things.

timer (TIME-ur): A timer is a tool that counts down an amount of time. Timers ring when the time is up.
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Websites
www.scientemadesimple.com
http://school.discoveryeducation.com
http://scifun.chem.wisc.edu

About the Author
Kelli Hicks loves to write books for kids. She loves to learn about science and nature. She uses tools to fix things in her house and to work in the yard. She lives in Tampa with her husband, her kids Mackenzie and Barrett, and their golden retriever, Gingerbread.
Comprehension & Extension:

• Summarize:
  What are some tools you might use for science? How do they help you?

• Text to Self Connection:
  Have you ever used a camera? What do you take pictures of? What other science tools have you used?

• Extension: Make a Mini Book
  Use small papers, index cards, or sticky notes. Draw and write about some of the tools you learned about from the book. Write I Use Science Tools on the cover and staple the papers together to make a book.

Sight Words I Used:
look
to
what
you

Vocabulary Check:
Use glossary words in a sentence.
Have you ever wondered about the science all around us? Plants grow and change, the Sun rises to warm the Earth, and matter changes from one form to another. Investigate Life, Physical, Earth, and Technology science topics with Rourke’s *My Science Library*. This library explores NSTA science standards with engaging text and colorful images to support readers from kindergarten to third grade. Are you ready to investigate?

**Books in My Science Library:**
- Apple Trees and the Seasons
- Day and Night
- How Do Plants Grow?
- I Use Science Tools
- I Use Simple Machines
- Our Sun Brings Life

- Run, Swim, Fly
- Science Safety Rules
- Solid or Liquid?
- Stop and Go, Fast and Slow: Moving Objects in Different Ways
- What Is It Made Of?
- Who Do I Look Like? A Book about Animal Babies