



**Author/Illustrator: Stephanie Roth Sisson**

New York: Roaring Brook Press, 2014

31 Pages

AR Level: 3.6

Lexile: 760 AD

**Curriculum Connections:** *Science, Astronomy, History, Writing, Space Science, Biography and Imagination*

Excellent for close reading, review of text features using end notes, and building band 2-3 complex vocabulary.

When Carl Sagan was a young boy he went to the 1939 World's Fair. This trip further spurred his need for information and creativity. His life is followed from a young boy wondering about the universe to becoming an internationally renowned scientist who worked on the Voyager missions.

*Imagination will often carry us to worlds that never were, but without it we go nowhere.* Carl Sagan

**Text Features:** Notes for pages provide added details, Bibliography and Sources, Author's Note, and Source Notes.

CCSS for Primary Grades

- *RL.1.2 Retell stories, including key details, and demonstrate understanding of their central message or lesson.*
- *RI.1.8 Identify the reasons an author gives to support points in a text.*
- *RI.2.1 Ask and answer such questions as who, what, where, when, why, and how to demonstrate understanding of key details in a text.*
- *RL.2.3 Describe how characters in a story respond to major events and challenges.*
- *RI.2.3 Describe the connection between a series of historical events, scientific ideas or concepts, or steps in technical procedures in a text.*
- *RI.2.9 Compare and contrast the most important points presented by two texts on the same topic.*

CCSS for Intermediate Grades

- *RI.3.5 Use text features and search tools to locate information relevant to a given topic efficiently.*
- *RI.4.3 Describe in depth a character, setting, or event in a story or drama, drawing on specific details in the text.*
- *RL.5.2 Determine a theme of a story, drama, or poem from details in the text, including how characters in a story or drama respond to challenges.*
- *RI.5.2 Determine two or more main ideas of a text and explain how they are supported by key details; summarize the text.*
- *RI.5.9 Integrate information from several texts on the same topic in order to write or speak about the subject knowledgeably.*

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Lesson Ideas	Text Set Options
<p><b>Primary:</b></p> <p>Point out to students the labeling throughout the book. Then have students make a map of their neighborhood, school, or house, carefully labeling throughout.</p> <p>Make or draw a model of our solar system, carefully labeling each planet, the moon and stars.</p> <p>Make a time capsule for your classroom. Put in items that your class has recently done. Open the time capsule during the last week of school.</p> <p>Students make a list of things they have wondered about. Then choose several to explore in teams with guidance.</p> <p>Read a biography about another important scientist, then create a Venn diagram comparing and contrasting their lives and accomplishments.</p>	<p><b><i>Mapping Penny's World</i></b> by Loreen Leedy Holt 2003 AR 3.5 Lexile 640</p> <p>Video about Voyager 1 &amp; 2: <a href="https://www.youtube.com/watch?v=seXbrauRTY4">https://www.youtube.com/watch?v=seXbrauRTY4</a></p> <p><b><i>Spinning in Space: A Book About the Planets</i></b> by Dana Meachen Rau Picture Window Books (Follett ebook) 2007 AR 3.5 Lexile None</p> <p>There are great time capsule ideas on Pinterest.</p> <p>Pluto Visits Earth! By <b>Steve Metzger</b> Holiday House 2012 AR 2.8 Lexile 380</p> <p><b><i>I Am Albert Einstein</i></b> by Brad Meltzer Dial Books for Young Readers 2014 AR 3.2 Lexile 410</p>
<p><b>Intermediate:</b></p> <p>Find some of the photographs taken by Voyager 1 &amp; 2.</p> <p>Research the planets in our solar system. Make a fact solar system on the classroom wall with interesting and important facts for each planet.</p> <p>Research the history of World Fairs. What were some of the highlights and inventions at different World Fairs? Where were they located? See <a href="http://www.expomuseum.com/">http://www.expomuseum.com/</a></p> <p>Copy the Notes on Page 31 and have students read them after each page in the story and discuss them. Why did the author include them?</p> <p>Read a biography about another important scientist, then create a Venn diagram comparing and contrasting their lives and accomplishments.</p> <p>Organize a "Scientist Fair" where students investigate, dress up like, and share information about a famous scientist.</p>	<p>Website about Voyager 1 &amp; 2: <a href="http://news.nationalgeographic.com/space/voyager/">http://news.nationalgeographic.com/space/voyager/</a> Website about Voyager 1 &amp; 2: <a href="http://www.jpl.nasa.gov/video/details.php?id=1215">http://www.jpl.nasa.gov/video/details.php?id=1215</a> Website about Carl Sagan: <a href="http://www.carlsagan.com/">http://www.carlsagan.com/</a></p> <p><b><i>Footprints on the Moon</i></b> by Mark Haddon Candlewick Press 2009 AR 4.5 Lexile None</p> <p><b><i>Electrical Wizard: How Nikola Tesla Lit Up the World</i></b> by Elizabeth Rusch Candlewick Press 2013 AR 5.3 Lexile 840</p> <p><b><i>Starry Messenger</i></b> by Peter Sis Farrar, Straus, Giroux 1996 AR 4.8 Lexile 830</p> <p><b><i>A Wizard from the Start: The Incredible Boyhood &amp; Amazing Inventions of Thomas Edison</i></b> by Don Brown Houghton Mifflin 2010 AR 5.4 Lexile 940</p> <p><b><i>From the Good Mountain: How Gutenberg Changed the World</i></b> by James Rumford Roaring Book Press 2012 AR 5.0 Lexile 800</p> <p><b><i>On A Beam of Light: A Story of Albert Einstein</i></b> by Jennifer Berne Chronicle Books 2013 AR 4.5 Lexile 680</p>