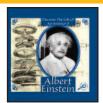
## **DISCOVER THE LIFE OF AN INVENTOR: ALBERT EINSTEIN**



## Summary

**Discover the Life of an Inventor: Albert Einstein** is a biography filled with facts about the life and accomplishments of Albert Einstein.

Vocabulary		Comprehension Strategy	Genre Study	Text Features	
compass experiments genius gravity	magnet physics relativity scientist	Connect text to self using prior knowledge Summarize information	Text structure: order/sequence Use a variety of supporting details Use a variety of informational text features	bold glossary words glossary	headings captions timelines index web sites

#### **Standards: Science and Social Studies**

- Knows that problem solving ability is a skill possessed by many historical figures
- Knows about technological inventions and developments that evolved during the 19th century and the influence of these changes on the lives of workers
- Knows the accomplishments of major scientists and inventors (e.g., George Washington Carver, Galileo, Marie Curie, Louis Pasteur, Alexander Graham Bell)

Kendall, J. S., & Marzano, R. J. (2004). *Content knowledge: A compendium of standards and benchmarks for K-12 education.* Aurora, CO: Mid-continent Research for Education and Learning (McREL). Online database: www.mcrel.org/standards-benchmarks/

### **Discussion Prompts Prior to Independent Reading**

#### Vocabulary Building and Background Knowledge:

Read the title as students look at the cover. Ask students to talk about what they observe on the cover and what they already know about Albert Einstein. Scaffold a discussion that builds on the background knowledge of students. Introduce students to the vocabulary words by having them look at the glossary on page 23.

Discussion questions:

- Read page 5. What do you think the word *genius* means from the context clues?
- Read page 9. How are a compass and a magnet related?
- Read the definition for gravity. Do you know of a place that has less gravity than we have on Earth?

#### **Genre Study and Text Features:**

State that **Discover the Life of an Inventor: Albert Einstein** is a biography that is written in the order of Albert Einstein's life and

accomplishments. Ask students to look at pages 4 and 5. Point out that each page starts with a main idea and then provides further information in the text and captions. Highlight genre characteristics and text features that will support students in reading the text.

Highlight prompts:

- Look at the list entitled *Important Dates to Remember* on page 22 of your book. Why are timelines important in a biography?
   Skim and scan the book to see if there are any other timelines.
- One important characteristic of a biography is that it tells the major contributions and accomplishments of a special person.
   Skim and scan the book to find examples of how the author included Einstein's contributions to the science world and the ways he was rewarded for them.

#### Reading the Book:

Have students read the book independently or with a partner.

#### **Comprehension Questions**

After students have completed reading **Discover the Life of an Inventor**: **Albert Einstein** gather students together for a discussion based on the questions below or assign students to answer the questions independently or with a partner.

- What significant contributions to science did Albert Einstein make and how was he rewarded?
- What do you think it means to be a genius? What made Einstein different from other scientists?
- Why do you think that Einstein's teachers did not think he was as smart as he truly was?

#### **BLM: Extension Activity**

Students apply their knowledge of the characteristics of the biography genre by using the graphic organizer to plan a biography about a classmate or family member.

# **EXTENSION ACTIVITY** Discover the Life of an Inventor: Albert Einstein

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Na	me:	Date:
Dir org	ections: Interview one of yo Janizer as a planning tool fo	<b>Planning a Biography</b> ur classmates or family members to gather information about them. Then use the graphic a biography about this person.
	Full Name and Important Dates (timeline)	
	Special Talents, Personality Traits	
	Achievements	
	Obstacles to Overcome	
	Quote	

(what this person says)

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