

LEVELED BOOK • H

Leap Year Birthday



**Multi
level
H•K•N**

Written by Brad Bolchunos • Illustrated by Dani Jones

Leap Year Birthday



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Focus Question

What makes Leroy's birthday different from most people's birthdays?

Words to Know	
beamed	leap years
Earth	librarian
leap day	Sun

Leap Year Birthday
Level H Leveled Book
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Correlation	
LEVEL H	
Fountas & Pinnell	H
Reading Recovery	13-14
DRA	14

February 2013						
					1	2
					8	9
3	4	5	6	7		
10	11	12	13	14	15	
17	18	19	20	21	22	
24	25	26	27	28		

February 2014						
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	

February 2015						
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

February 2016						
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29					

It was **leap day**, February 29.

It was a day that only comes once every four years.

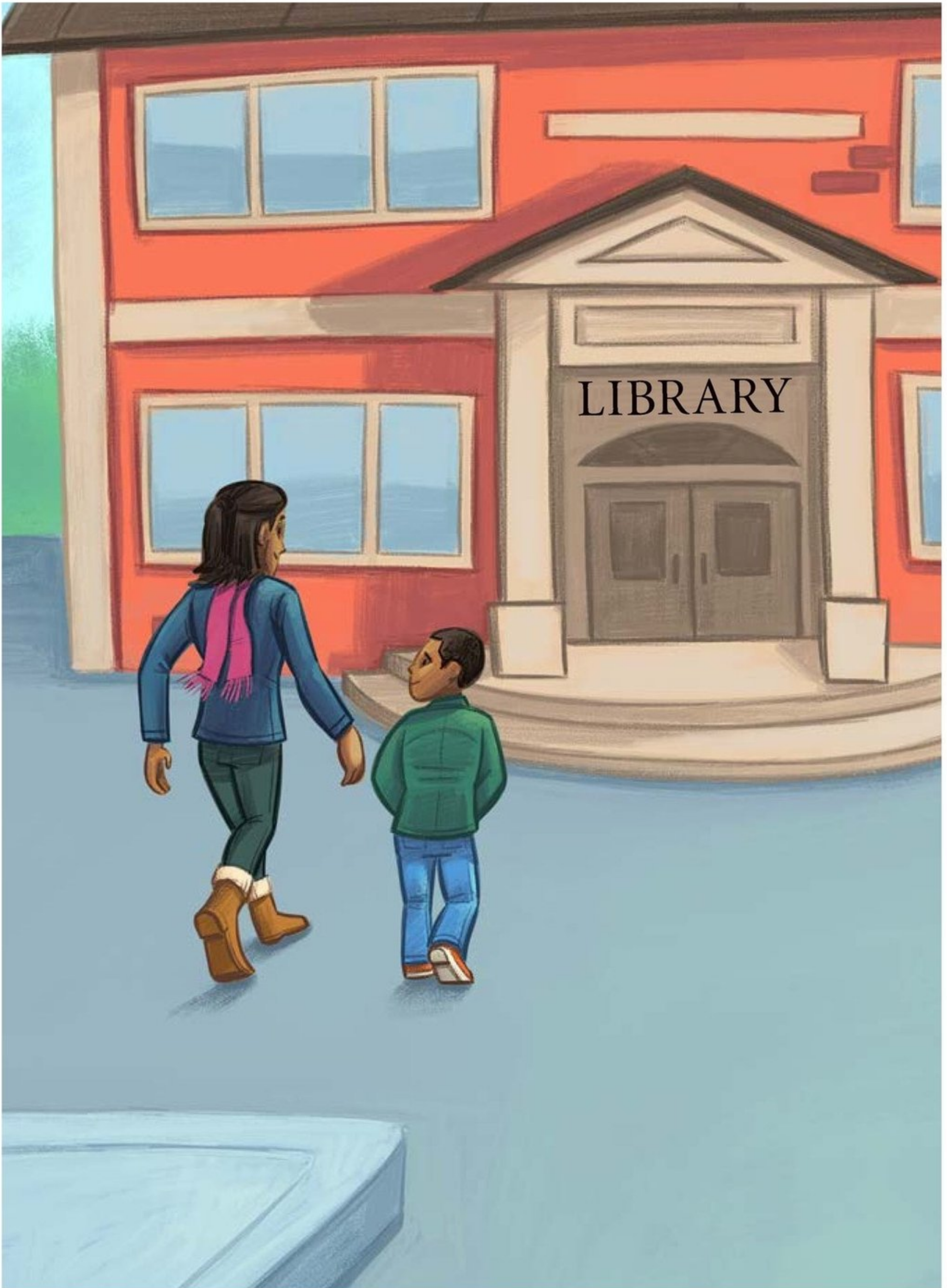
It was also Leroy's birthday.
So was he eight years old
or only two?
Leroy was not sure.





Leroy wanted to learn about leap day.
He wanted to learn about people like him.

Leroy and his mom went
to the library.





The **librarian** asked Leroy's mom
to "be" the **Sun**.

She asked Leroy to "be" the **Earth**.



She told Leroy to spin like a top.
She also told him to make a big
loop around his mom.

“Every time you complete a spin,
you complete one day,” the
librarian said.

Every day, he also moved a little bit
in his big loop around the Sun.



When he got back to the start,
the librarian told him one year
had gone by.

“That was 365 spins, or days,”
she said.

“However, a year is really
a little bit more than 365 days,”
she added.



“For a full year, the Earth has to spin a little bit more,” the librarian explained.

“To do that, the Earth needs an extra six hours every year,” she said.

“Every four years, that adds up to one extra day,” she added.

“That is why **leap years** have
366 days,” she said.
Leroy got it at last!





Back home, Leroy's friends jumped out at him.

"Happy birthday!" they shouted.

Leroy's mom brought out a cake with eight candles.



Six candles were blue.

Two were red for his leap year
birthdays.





Mom **beamed** at Leroy like the Sun
beams at the Earth.
Leroy beamed back.

Glossary

beamed (v.)	smiled brightly or happily (p. 15)
Earth (n.)	the third planet from the Sun; the planet we live on (p. 7)
leap day (n.)	February 29, the extra day that occurs in the calendar every four years (p. 3)
leap years (n.)	years with an extra day in them, February 29 (p. 11)
librarian (n.)	a person in charge of a library (p. 7)
Sun (n.)	the closest star to Earth and the center of our solar system (p. 7)

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A Reading A-Z Level H Leveled Book

Word Count: 261

Connections

Writing and Art

Would you want your birthday to be on February 29? Write a paragraph explaining why or why not.

Science

Review with a partner how days and years are measured by Earth's movement in space. Then, discuss how the length of a year would change if Earth were farther from the Sun.



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