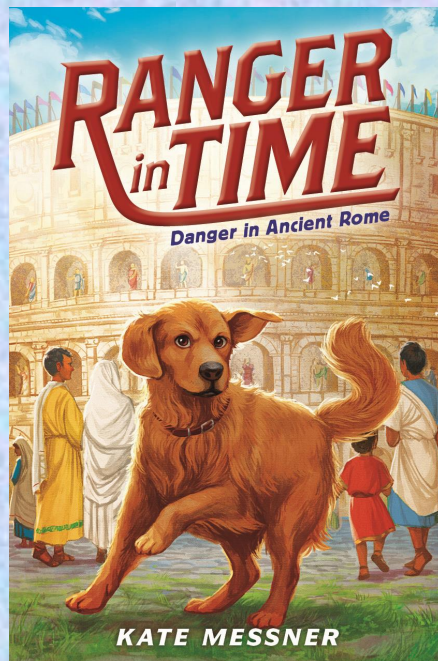
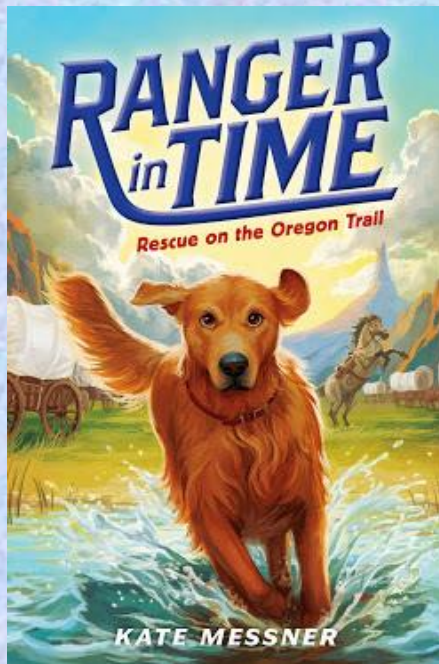


# Researching Ranger:

What a Time-Traveling Search & Rescue Dog  
Can Teach Students about Historical Research



Age: 7 (That's me in the blue fuzzy sleeper.)  
Currently Writing: Letter to Santa Claus (He wrote back, too!)







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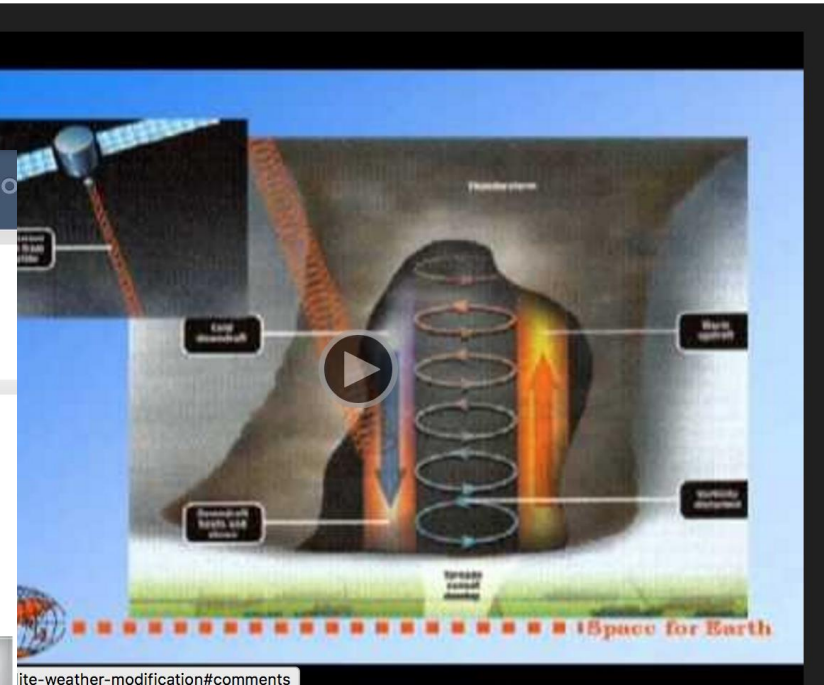








**FULL EPISC**

# Could Tornadoes Be Prevented?





# EYE OF THE STORM



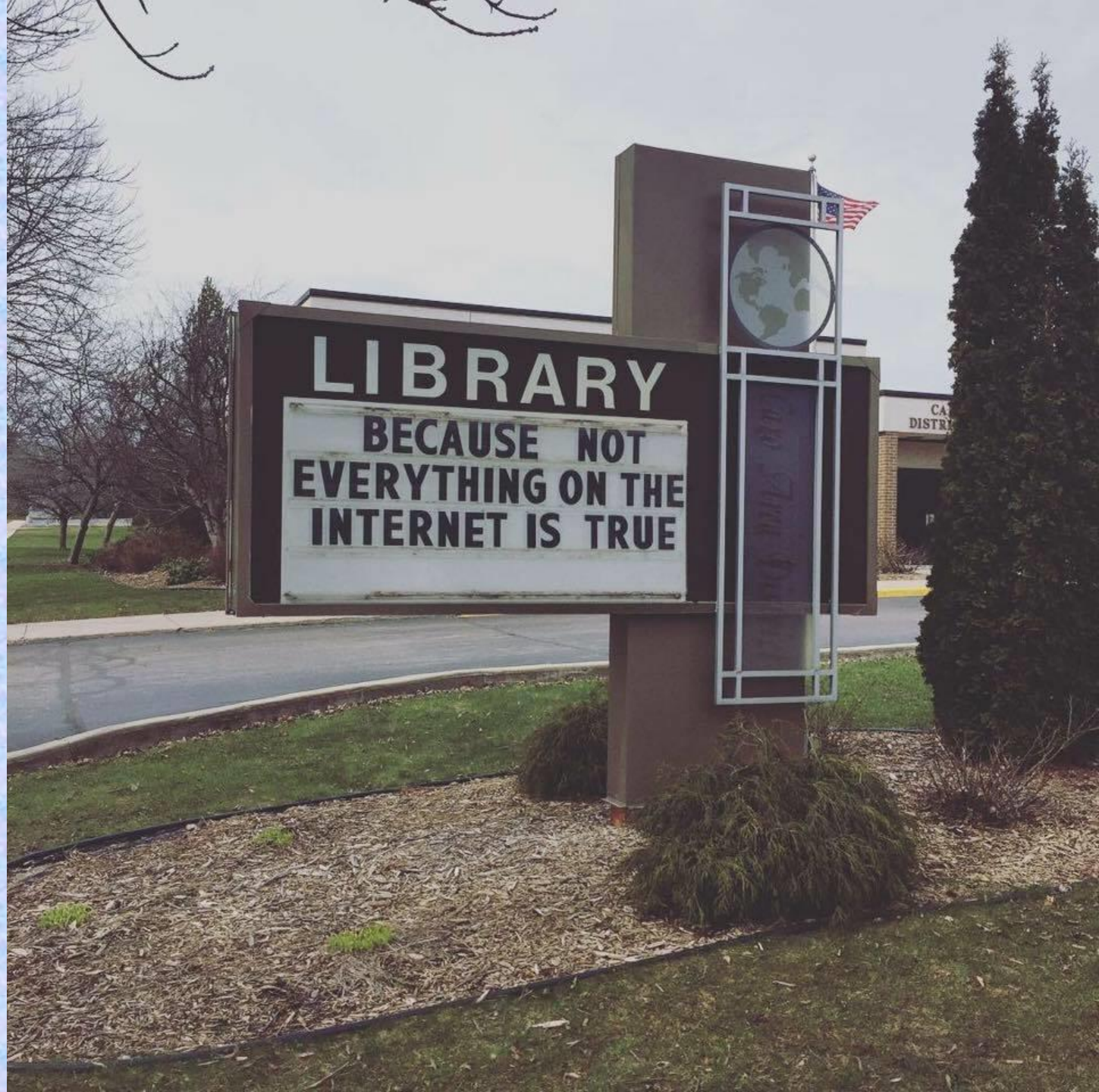
Bright lightning ...  
Dark secrets ...  
Who can stop the biggest  
storm yet?

KATE MESSNER

# **RESEARCH**

**Step 1?**





**LIBRARY**

**BECAUSE NOT  
EVERYTHING ON THE  
INTERNET IS TRUE**

CAL  
DISTRI

# **RESEARCH**

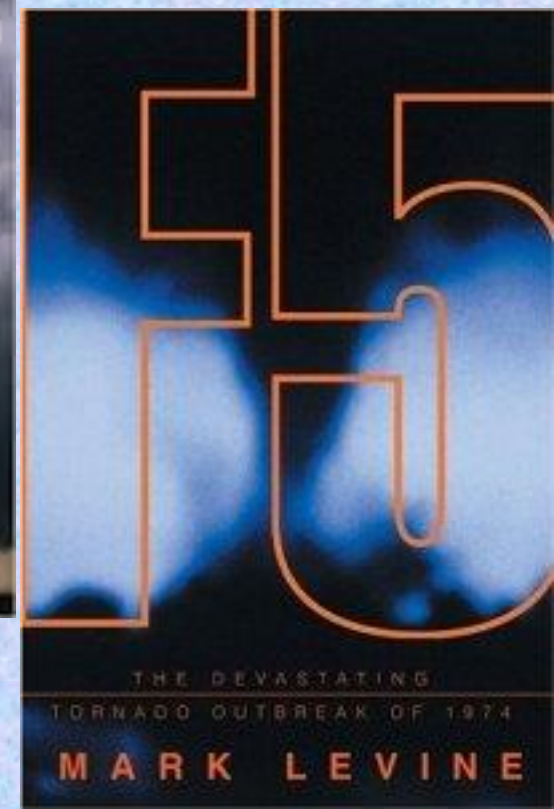
**1- Library**

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**4- Field Trips & Interviews**





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## How to Destroy a Tornado

Will satellites one day forestall a tornado's formation, instead of just recording its aftermath?

Posted 07.10.2003 at 2:17 pm  [4 Comments](#)





# Investors Are Now Profiting From The Fear Of Climate Change

Wolf Richter, Testosterone Pit | May 8, 2013, 6:27 AM | 🔥 2,137 | 💬 14

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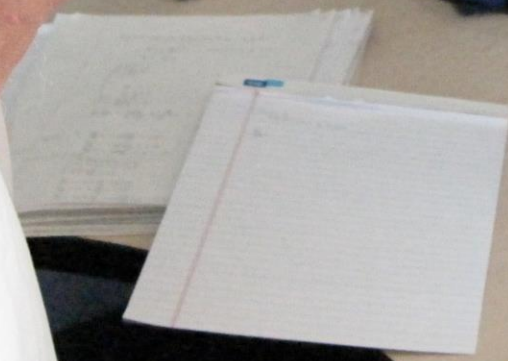
## 10 Stocks to Hold Forever

Buy them, forget about them, and never sell them.

[www.StreetAuthority.com](http://www.StreetAuthority.com)

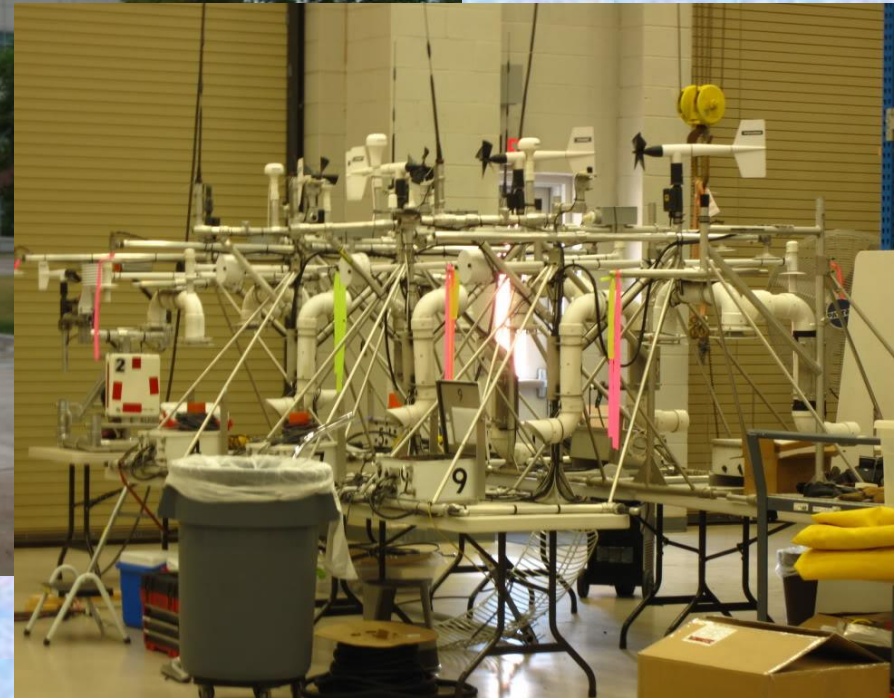
The last big thing was green tech – from wave-power generators to the smart grid. It was hyped in the bipartisan stimulus bill, promising gobs of jobs, billions in revenues, and untold riches through the eventual market capitalization of these outfits.



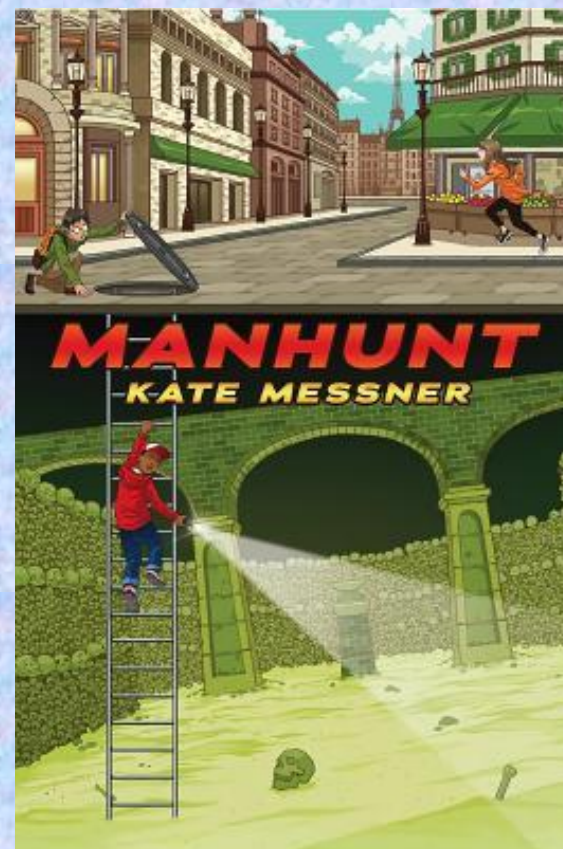
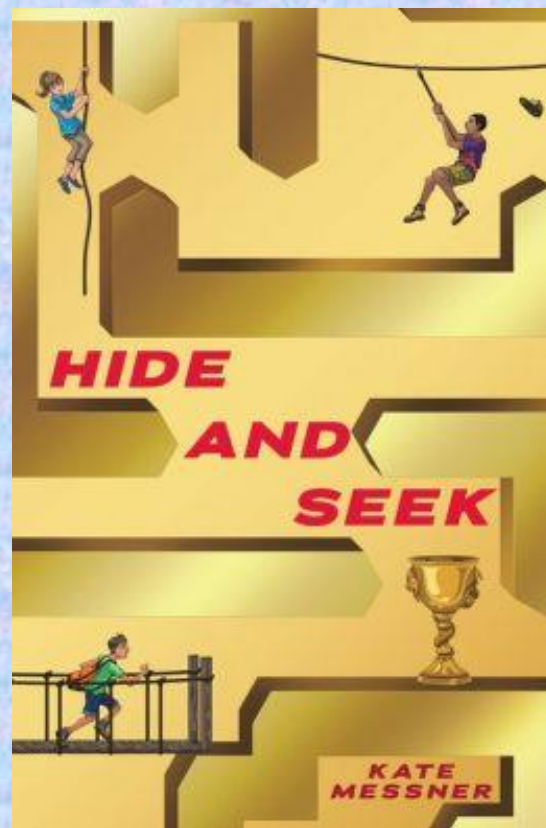




# ***EYE OF THE STORM* - A TORNADO NOVEL SET IN 2050**



# SILVER JAGUAR SOCIETY MYSTERIES





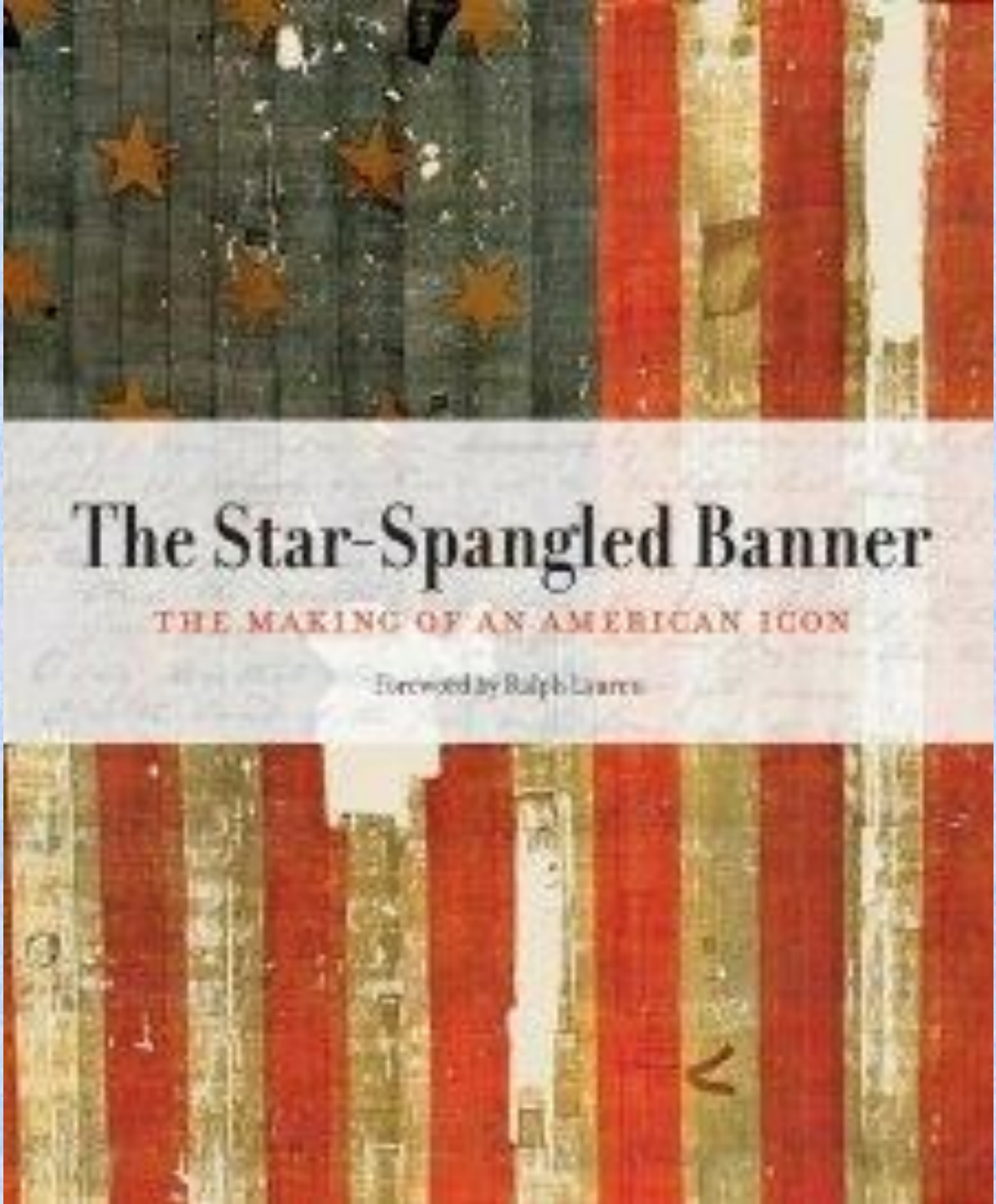


**CAPTURE**

**THE**

**FLAG**

**KATE  
MESSNER**



# The Star-Spangled Banner

THE MAKING OF AN AMERICAN ICON

Foreword by Ralph Lauren





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# NATIONAL MUSEUM of American History

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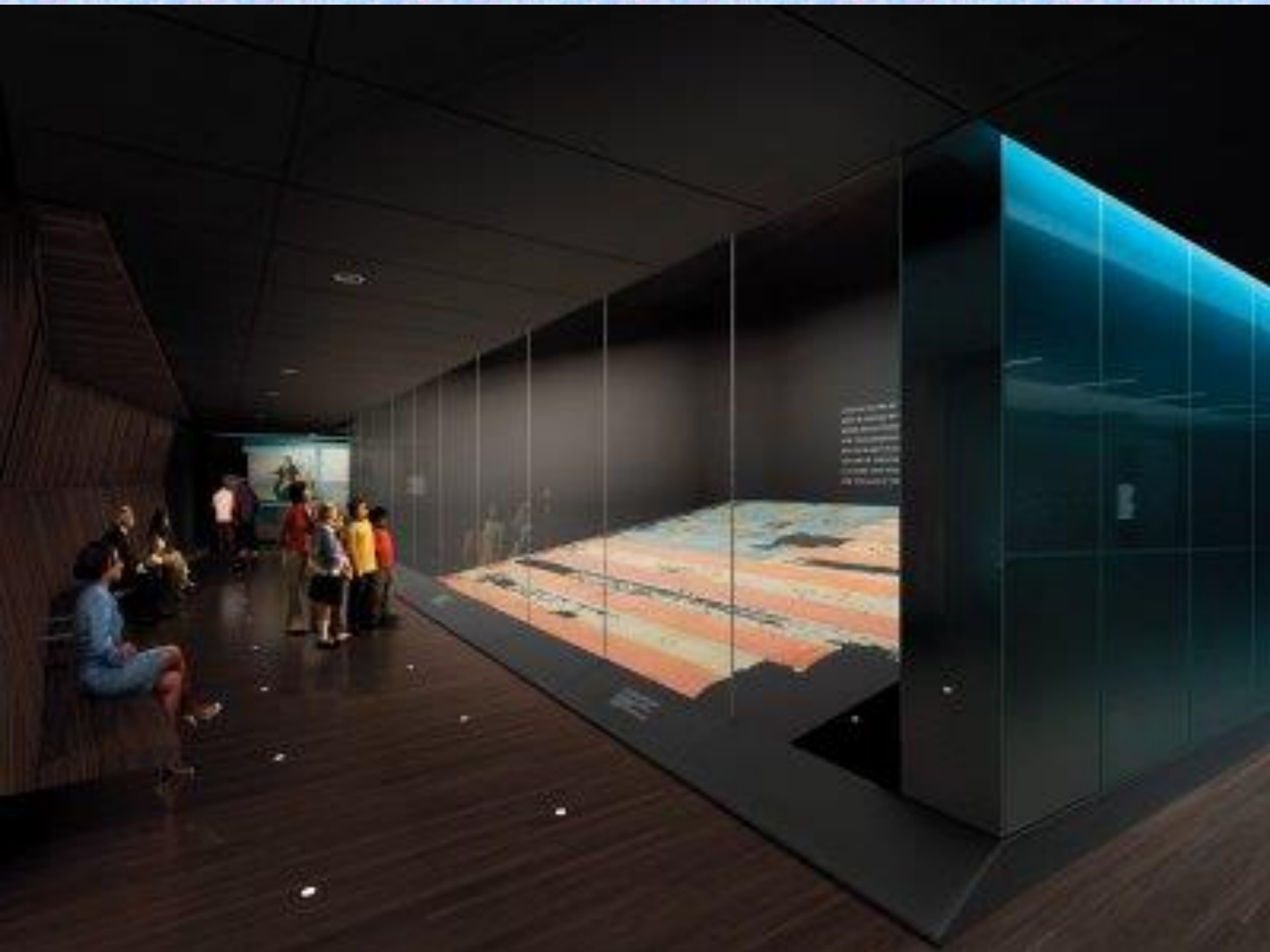
Admission: Free

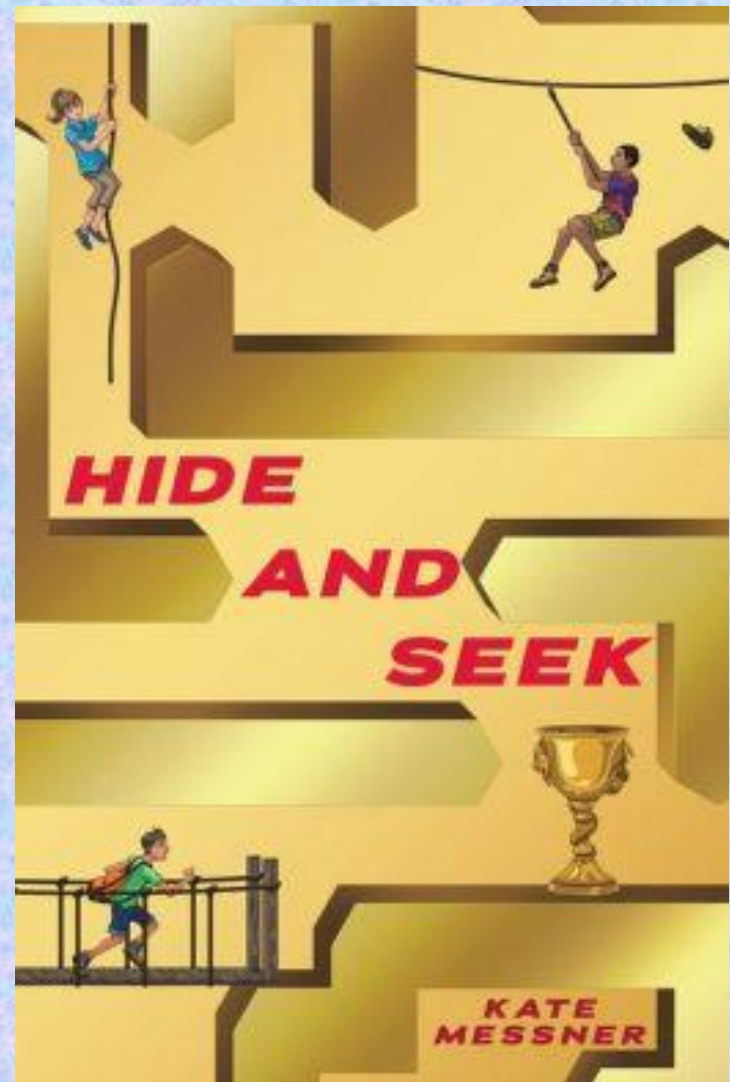
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How to Steal a  
Flag???

















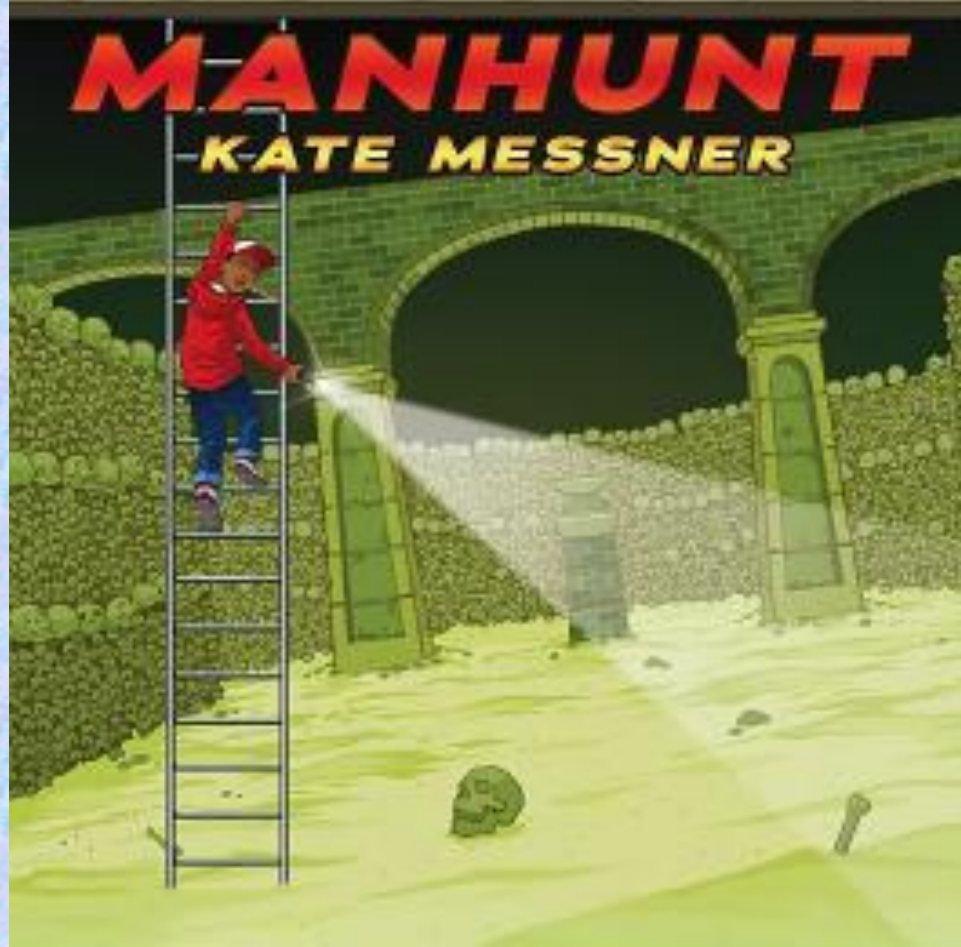




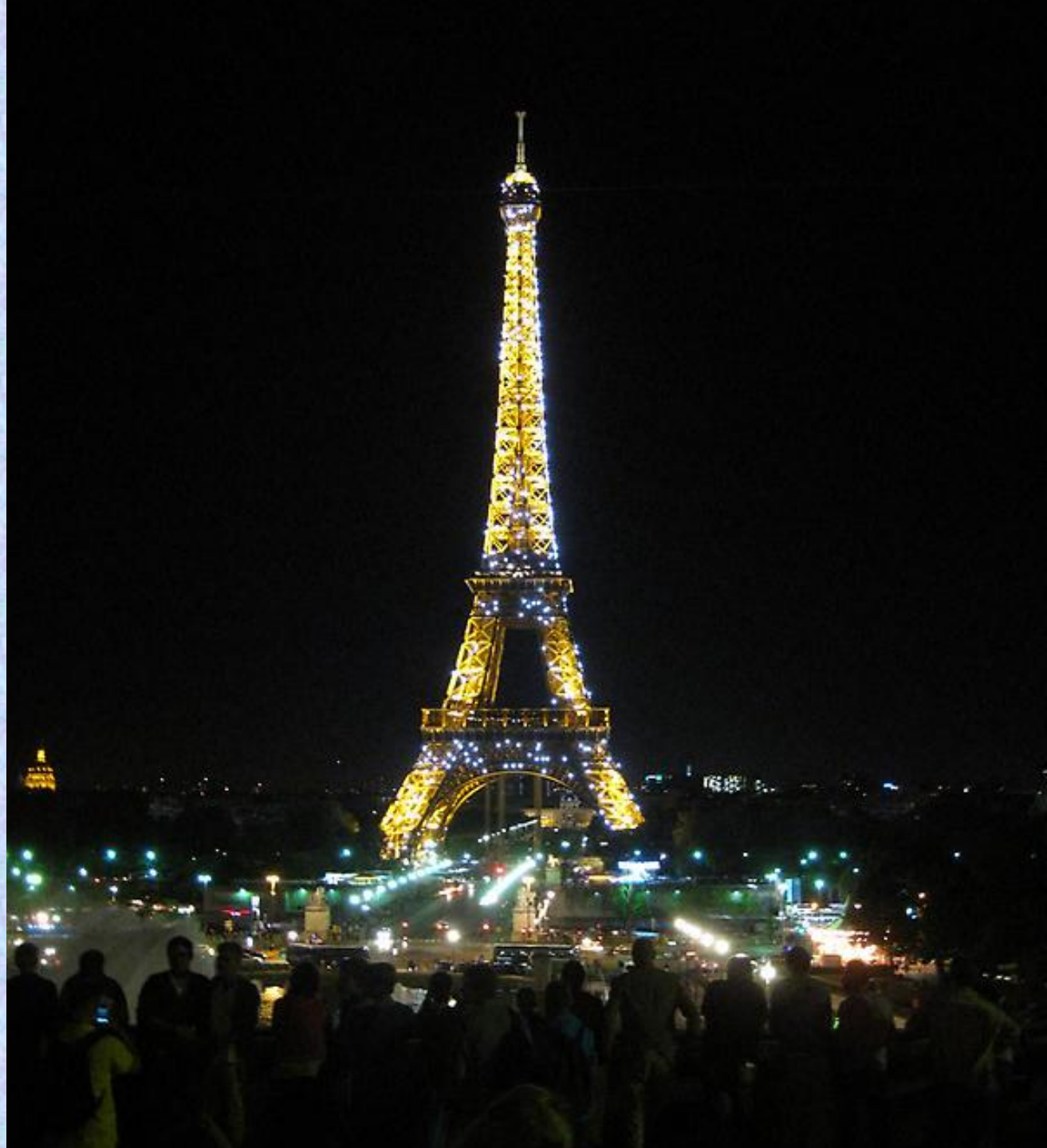












Ils furent ce que nous sommes,  
Poussière, jouet du vent;  
Fragiles comme des hommes.  
Faibles comme le néant!

LAMARTINE.



Omne crede diem tibi diluxisse supremum  
Croyez que chaque jour est pour vous le dernier.

Horace.





# RANGER *in* TIME

Rescue on the Oregon Trail



KATE MESSNER





# National Frontier Trails Museum

City of Independence  
Missouri Department of Natural Resources



Chicago and Alton Depot











#1 Primary sources are your best friend...if you read them thoughtfully.

When you have the choice of diaries or recollections, choose diaries.







98  
 12  
 10  
 20  
 M  
 28  
 18

Saturday June 25<sup>th</sup> Camped again  
 this morning on big sandy  
 came through little sand at noon  
 came 20 miles to day had got  
 made to day had not cleared up  
 in us a not very cold  
 Sunday June the 26<sup>th</sup> Camped  
 this morning on the water  
 I been River came to it  
 late this morning collected  
 over in this creek, came a  
 half a mile out from the  
 river & got Camped again  
 not even down one of our  
 horses down a crystal ball  
 camp 30 miles to day  
 had some rain on us  
 a heart but has a  
 follow pretty day & good

Monday June the 27<sup>th</sup> Camped  
 this morning out in the mountains  
 had to travel till 10 o'clock at night  
 to find food for the stock did not get  
 the work done up till 12 o'clock  
 crossed Black River this evening  
 came 20 miles to day  
 Tuesday June the 28<sup>th</sup> Camped this  
 morning in the Bluffs came 20 miles  
 to day had some rain to night the  
 weather & bright & rainy from 12  
 Camped on dry sandy shore 400 yds  
 from together over California, rags  
 left out to dry at noon there is a  
 train Camped closely in  
 at Dividgo to day had had  
 the side of the feet a Indian  
 Camped all a long the road  
 down one hill had to walk to  
 suggest down of hand at night  
 came 20 miles to day

Charles  
 Elizabeth  
 Caroline



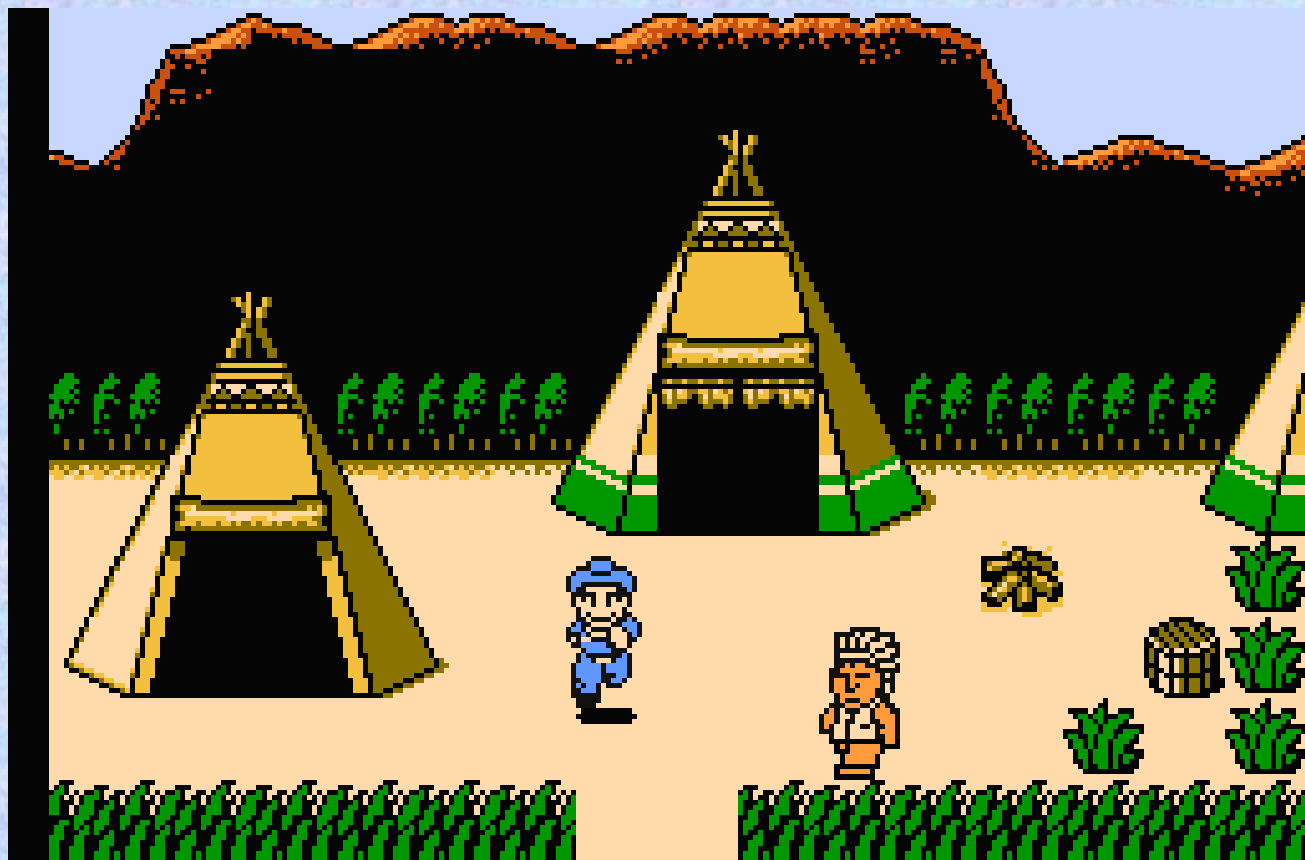
Monday. from the 11<sup>th</sup> Camped  
this evening out in the mountains  
had to travel till 10 o'clock at night  
to find feed for the stock did not get  
the work done up till 12 o'clock  
crossed Black River this evening  
came 20 miles to day.

Tuesday from the 12<sup>th</sup> Camped this  
evening in the Bluffs came 24 miles

# #2 Myths are Not History







1P   
 

TIME 19:43 2P  
COIN  x0  
\$0013

GAME  
OVER







#3 Question *everything*.

Photographs don't always tell the truth.



# RANGER *in* TIME

*Danger in Ancient Rome*



**KATE MESSNER**

#4 Just because you saw it in a movie...





# GLADIATOR







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and anticipates their every question." —*The New York Times*

**HISTORY'S MOST  
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#5 Take your notebook on field trips.

















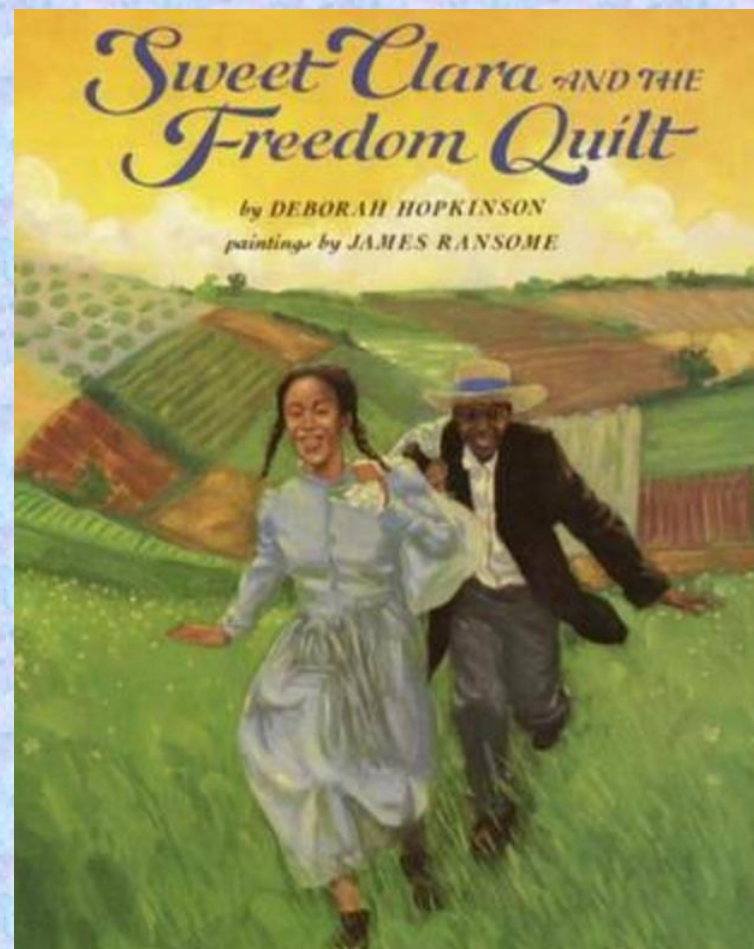
# RANGER *in* TIME

Long Road to Freedom



**KATE MESSNER**





#6 Think about whose stories get told.



# R U N   A W A Y



## T H E 18th Instant at Night

from the Subscriber, in the City of New-York, four Negro Men, VIZ. LESTER, about 40 Years of Age, had on a white Flannel Jacket and Drawers, Duck Trowsers and Home-spun Shirt. CÆSAR, about 18 Years of Age, clothed in the same Manner. ISAAC, aged 17 Years clothed in the same Manner, except that his

Breeches were Leather; and MINGO, 15 Years of Age, with the the same Clothing as the 2 first, all of them of a middling Size, Whoever delivers either of the said Negroes to the Subscriber, shall receive TWENTY SHILLINGS Reward for each beside all reasonable Charges. If any person can give Intelligence of their being harbour'd, a reward of TEN POUNDS will be paid upon conviction of the Offender. All Masters of Vessels and others are forewarn'd not to Transport them from the City, as I am resolv'd to prosecute as far as the Law will allow.

WILLIAM BULL.

N. B. If the Negroes return, they shall be pardon'd.

- 38





*W. Still*

THE

39

# UNDERGROUND RAIL ROAD.

A RECORD

OF

FACTS, AUTHENTIC NARRATIVES, LETTERS, &c.,

Narrating the Hardships Hair-breadth Escapes and Death Struggles

OF THE

Slaves in their efforts for Freedom,

AS RELATED

BY THEMSELVES AND OTHERS, OR WITNESSED BY THE AUTHOR;

TOGETHER WITH

SKETCHES OF SOME OF THE LARGEST STOCKHOLDERS, AND

MOST LIBERAL AIDERS AND ADVISERS,

OF THE ROAD.

BY

WILLIAM STILL,

For many years connected with the Anti-Slavery Office in Philadelphia, and Chairman of the Acting Vigilant Committee of the Philadelphia Branch of the Underground Rail Road.

Illustrated with 70 fine Engravings by Bensell, Schell and others, and Portraits from Photographs from Life.

Thou shalt not deliver unto his master the servant that has escaped from his master unto thee.—Deut. xxiii. 15.

SOLD ONLY BY SUBSCRIPTION.

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PORTER & COATES,  
822, CHESTNUT STREET.  
1872.






















  
**WILLIAM STILL**  
**1821-1902**  
While living here, he  
as an Underground  
railroad agent who  
helped slaves escape  
and kept records so  
relatives could find  
them later. A wealthy  
coal merchant, Still  
also helped found  
the first Black YMCA.  
PENNSYLVANIA HISTORICAL AND MUSEUM COMMISSION 1991



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## 7. Illustrators do research, too.



# RANGER *in* TIME

*Race to the South Pole*



**KATE MESSNER**

7. Ranger and Osman (see photo below) are leading a team of dogs with a sledge attached, and they're crossing a crevasse. The eight rear dogs have fallen into the crevasse, with Ranger and Osman struggling to stay on the ground, pulling against their harnesses and ropes. (The sledge is still on the other side of the crevasse they're trying to cross.)

There are no photos of crevasses from the Scott expedition (they were too busy getting out of them to set up cameras, I guess) but below are a few more modern Antarctica crevasse rescue photos that should give you a sense for what the landscape is like, anyway. The one that shows a break through a snow-covered crevasse is probably similar to what happened in the story, as far as the snow.





## CHAPTER 10

11. This illustration should show how dark and cold it could get out there at certain times of year. I'm picturing this as a "nighttime" scene, where we just see figures in the dark, trudging along. There are three men—Cherry, Bowers, Wilson (photo below, even though there won't be much detail in this illustration)—Jack, and Ranger. They're pulling two sledges, one behind the other, over the ice.



PENGUIN  CLASSICS

APSLEY CHERRY-GARRARD

*The Worst Journey in the World*

OXFORD WORLD'S CLASSICS

ROBERT FALCON SCOTT  
JOURNALS

CAPTAIN SCOTT'S LAST EXPEDITION



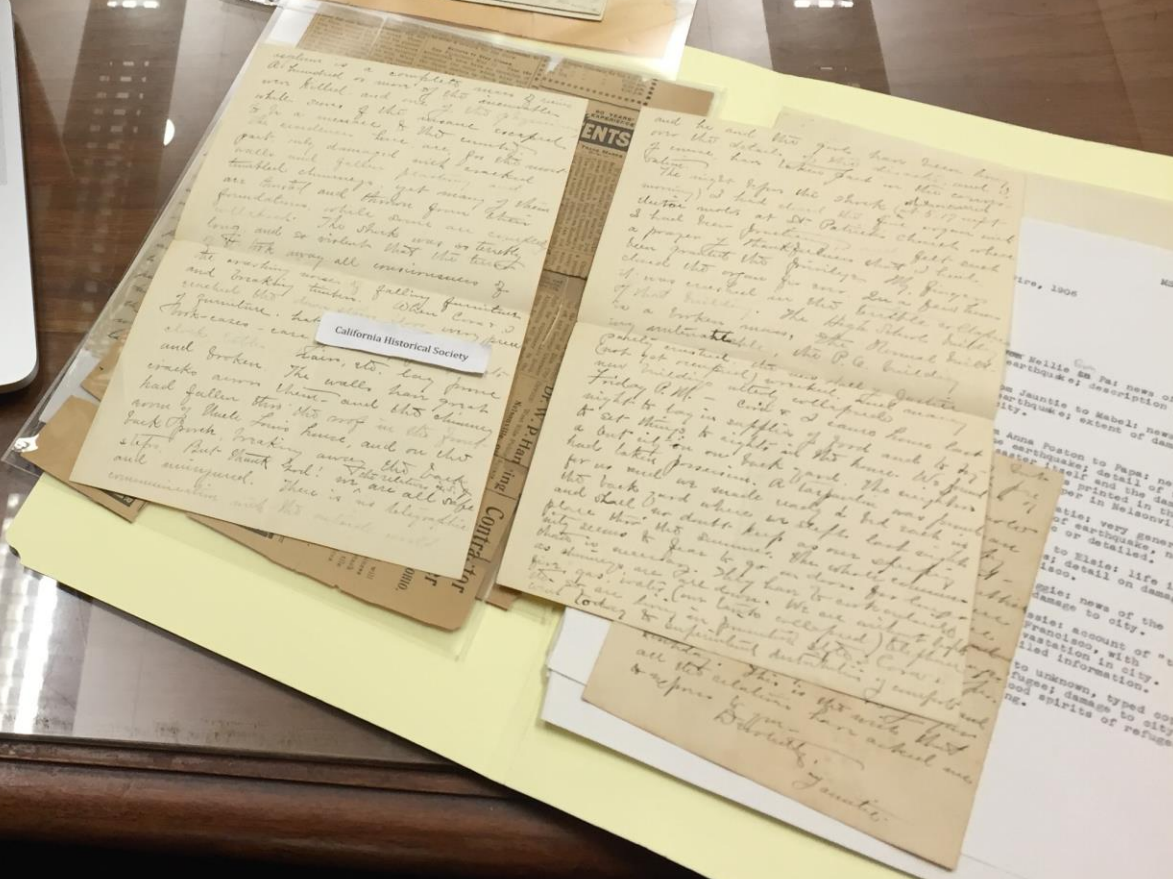
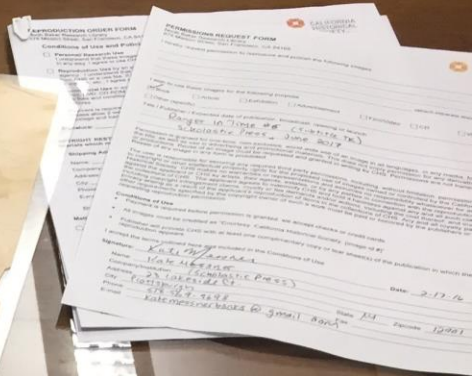
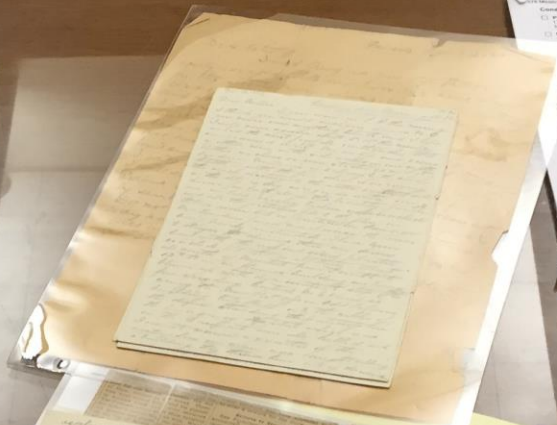
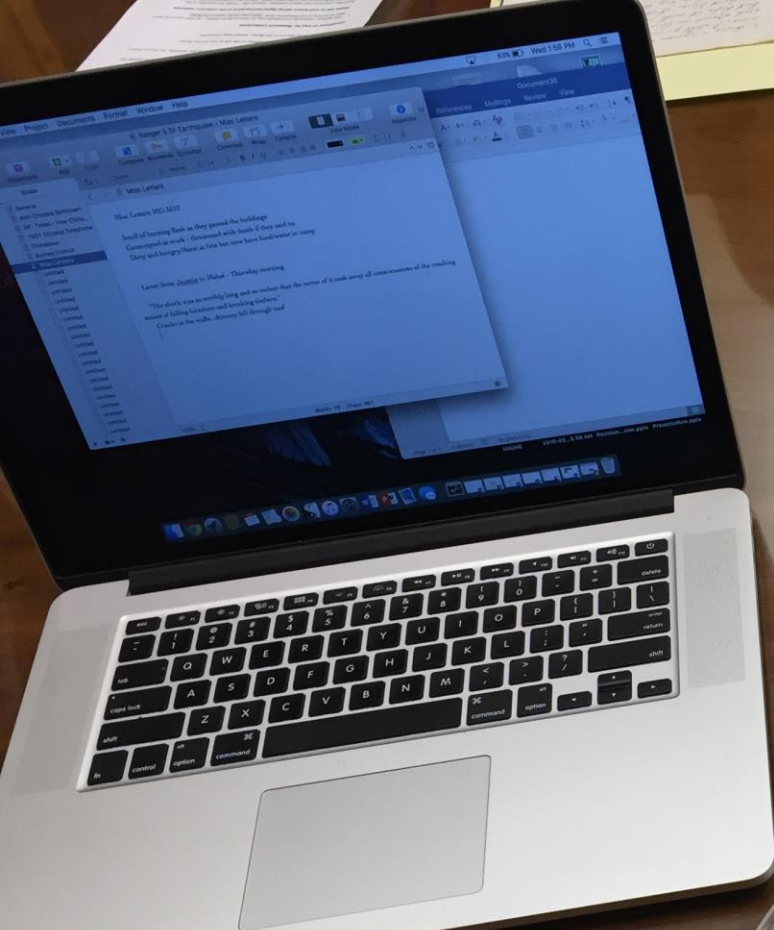




8. If you spend long enough in the library, you will find gold.









Blaser, Etoile - April 20 1906 - MS 1697

Written by Etoile Millar Blauer to her school chum, Hazel Aubry on April 20<sup>th</sup>.

“Since we have become refugees we have seen hundreds of people with canary birds in cages. A man told us today that Robinson’s Pet Shop had just received a large shipment of canary birds, and rather than let them perish in the fire they had given them to the passers-by who would take

# from Chapter 10: Chaos and Canaries



More and more people filled the streets, fleeing from the burned districts in little groups of two or three or four. Lily caught bits of their conversations as they hurried past.

“No time to go back for the silver...”

“Send word to Uncle Jacob in Oakland...”

“...water and food at the park...”

Then a voice rose louder than the rest. “Canaries! Free! Can you take a bird?”

Lily spun around and saw a short, bald man in a doorway on the far side of the street.

He held a cage out toward the sidewalk. Inside was a tiny golden bird.

“Oh!” Lily gasped. She felt as if she’d finally glimpsed the sun, shining through this dark afternoon. She left May and ran to the man. “We can’t but... You’re giving them away?”

The man nodded sadly. “Just got a big shipment in, and the fire’s heading this way.

There’s no way I’ll be able to save them all. I’d rather let them go than have them perish.”

“Lily, come on!” May called from the street.

“Can you take one?” the man held out the bamboo cage.

The bird gave a little hop on its perch. Its tail feathers trembled.

“Do you sing?” Lily said and whistled a few notes. The bird didn’t sing back. It looked out at Lily with scared black eyes.

*I can’t*, Lily thought. Not with all they had to carry. Not with the fire spreading and papers to save and still so far to go. But the bird’s bright feathers reminded her of Jin Jin’s shining golden scales, and her eyes burned. *No*, she thought.

“Yes,” she said. She took the cage and hurried back to May.

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Can Teach Students about Historical Research

