Step 1: Describe Your Big Question

Define your topic.
Why did you choose this topic?
Explain what made you interested to find out more.
What did you expect the outcome to be?
Give your "best" guess — or hypothesis — based on your observations of the subject
and the beginning research you did after you picked your question.

Step 2: Explain the Hows and Whys

How did you test your hypothesis?	
Demonstrate <i>how</i> you went about proving or disproving your initial best go	uess.
Why did you test it that way? Briefly explain why you made the choices you did — and also why you cho do other kinds of tests or research.	ose not to

Step 3: Present Your Information

What did you find out?				
Show your results with words and visual aids.				
What might your results mean?				
Present your analysis of the data.				

Step 4: Conclude with New Questions

/hat was it all abo	ut?
eview what you ex	plored.
Should you keep go	ing?
	r investigating you could do to continue to learn more about
your topic.	i investigating you could do to continue to learn more about
your topic.	
What new questions	s do vou havo?
=	ons you are interested to ask based on what you've learned.
include hew questic	ins you are interested to ask based on what you ve learned.
If you did it again y	what would you do differently?
	l learned from the experience and what you might have done
	what you know now.
annerently knowing	what you know how.



Step 5: Show Your Sources Record your outside sources with a bibliography.

Here are examples of how to show your sources:

BOOKS

By a single author:

Marks, Paula. The Human Genome Project. New York: St. Martin's Press, 1995.

By two authors:

Polsky, Phillip E., and Lauren Shaeffer. A Guide to Rocks and Minerals. Oxford, MS: University of Mississippi, 1999.

By three authors:

Martin, Linda, Shelia Daar, and Mary Williams. Montana's Glacier National Park. West Glacier, MT: Falcon Publishing Company, 2001.

By more than three authors:

Ferrara, John E., et al. Hyraxes and Kopjes. Los Angeles: Rainbow Press, 2000.

By an unknown author:

Exploring the Everglades. Boston: Harcourt Brace, 2003.

By an editor:

Ronan, Colin A., ed. Science Explained. New York: Henry Holt, 1998.

ENCYCLOPEDIAS

Trainen, Martha. "New York State." Encyclopedia Americana. 1999.

MAGAZINES

Moffet, Mark. "Poison-Dart Frogs: Lurid and Lethal." *National Geographic* May 1995: 98-101.

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McMahon, 1998: B2.	Hugh. "New Find in Long Island's Jurassic Park." Newsday 27 October
JOURNAL ART	 -
	"Habitat Use and Separation Between the Giant Panda and the Red urnal of Mammology 81.2 (2000): 438-455.
WEB SITE ART	TICLES
•	izabeth. <i>Dynamics of the Salt Marsh</i> . Department of Natural Resources
	from the World Wide Web on 21 December 2003. er.dnr.state.sc.us/marine/pub/seascience/dynamic.html
PERSONAL IN	ΓERVIEW
	ulie. Interviewed by Kolea Zimmerman. Volcano, Hawaii, 2 December
Bibliography exar	mples care of the American Museum of Natural History's Young Naturalist Awards.

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