

## Ms. Botko's Suggested Science Reading List

### READING

Reading both at school and outside of school is essential to your child's success as a student. It is important that you encourage your student to read everyday. Successful students are never without something to read. The more your child reads, the better reader he or she will become. In your home students should have regular access to a newspaper as well as a free public library card <http://www.lapl.org/> You may search for recommended reading lists for your child in both math and science at this site:

<http://www.cde.ca.gov/ci/sc/ll/ap/searchlist.asp>

Below is a short list of California State recommended reading list for grade 9-12 life science students:

Adler, Robert E. [Medical Firsts: From Hippocrates to the Human Genome](#)

Anderson, Laurie Halse	<a href="#">Fever, 1793</a>
Armstrong, Jennifer	<a href="#">Kindling, The</a>
Bakalar, Nick	<a href="#">Where the Germs Are: A Scientific Safari</a>
Barry, John M.	<a href="#">Great Influenza: The Epic Story of the Deadliest Plague in History, The</a>
Bass, William M.	<a href="#">Death's Acre: Inside the Legendary Forensic Lab - the Body Farm, Where the Dead Do Tell Tales</a>
Benson, Ann	<a href="#">Plague Tales, The</a>
Bijlefeld, Marjolijn	<a href="#">It Came from Outer Space: Everyday Products and Ideas from the Space Program</a>
Butcher, Nancy	<a href="#">Kindling, The</a>
Cantor, Norman	<a href="#">In the Wake of the Plague</a>
Chase, Marilyn	<a href="#">Barbary Plague: The Black Death in Victorian San Francisco, The</a>
Cook, Robin	<a href="#">Toxin</a>
Cook, Robin	<a href="#">Vector</a>
Crawford, Dorothy	<a href="#">Invisible Enemy, The</a>
Crichton, Michael	<a href="#">Andromeda Strain, The</a>
De Kruijff, Paul	<a href="#">Microbe Hunters</a>
Diamond, Jared	<a href="#">Guns, Germs, and Steel: The Fates of Human Societies</a>
Dominick, Andie	<a href="#">Needles</a>
Engdahl, Sylvia L.	<a href="#">Enchantress from the Stars</a>
Farrell, Jeanette	<a href="#">Invisible Enemies: Stories of Infectious Disease</a>
Healy, John F. (editor)	<a href="#">Pliny the Elder: Natural History, a Selection</a>
Ingram, Jay	<a href="#">Barmaid's Brain: And Other Strange Tales from Science, The</a>
Jefferson, Jon	<a href="#">Death's Acre: Inside the Legendary Forensic Lab - the Body Farm, Where the Dead Do Tell Tales</a>
Karlen, Arno	<a href="#">Biography of a Germ</a>
Levitin, Sonia	<a href="#">Cure, The</a>

Nesse, Randolph	<a href="#"><u>Why We Get Sick: The New Science of Darwinian Medicine</u></a>
Oldstone, Michael	<a href="#"><u>Viruses, Plagues, and History</u></a>
Oppel, Kenneth	<a href="#"><u>Dead Water Zone</u></a>
Preston, Richard	<a href="#"><u>Cobra Event</u></a>
Preston, Richard	<a href="#"><u>Hot Zone, The</u></a>
Quinn, Daniel	<a href="#"><u>Ismael</u></a>
Regush, Nicholas	<a href="#"><u>Virus Within Us: A Coming Epidemic</u></a>
Rensberger, Boyce	<a href="#"><u>Life Itself: Exploring the Realm of the Living Cell</u></a>
Rhodes, Richard	<a href="#"><u>Deadly Feasts: The "Prion" Controversy and the Public's Health</u></a>
Wells, H. G.	<a href="#"><u>War of the Worlds, The</u></a>
Williams, George	<a href="#"><u>Why We Get Sick: The New Science of Darwinian Medicine</u></a>
Willis, Connie	<a href="#"><u>Doomsday Book</u></a>
Winick, Judd	<a href="#"><u>Pedro and Me: Friendship, Loss, and What I Learned</u></a>
Zimmer, Carl	<a href="#"><u>Parasite Rex: Inside the Bizarre World of Nature's Most Dangerous Creatures</u></a>

## QUESTIONING

Asking your child questions about what they have read or studied is the key to understanding. Here are some question starters for science you could have your student answer orally or in writing:

- What are you investigating?
- How will you conduct your investigation?
- How will you collect your data?
- What are the basic characteristics of...?
- What distinguishing characteristics does .... Have?
- What are the basic features of ....?
- What is the problem?
- If you had to do it all over again, what would you do differently?
- What is the definition of...?
- What are the facts about...?
- Explain the differences and/or similarities about...
- How does...work?
- How can you restate important details in a few words?
- What are the most important details and why?
- Is there another way to put these ... into groups or categories?
- Predict what will happen based on this information.
- Explain what data was collected.