

Goal To share middle school life science materials that I produced during my 42.5 year career

About me

Teaching experience: [Retired in 2020]

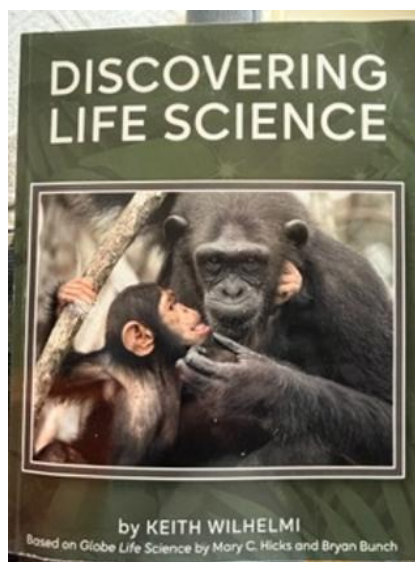
- 36 years at Kentucky Country Day School [private independent] (1984 - 2020)
- 3 years at South Oldham Middle School [public] (1981 - 1984)
- 3 years at St. Raphael School [Catholic] (1978 - 1981)
- ½ year at Burgin Independent School [public] (Spring 1976)

Education:

- B.S. in biology / Centre College (1975)
- Rank 1 / University of Louisville (1984)
- M.S. in biology / Western KY University (1980)
- Health Education certification / UL (1988)

Materials

Textbook : Discovering Life Science [with free teacher's guide and outlines of lessons]



- website → lifesciencetextbook.com / Youtube video → "Why teach outlining? Wilhelmi"
- an up-to-date, low-cost, thoroughly illustrated, paperback textbook with *very brief* lessons
 - well-suited for
 - the teaching of outlining
 - self-teaching
 - providing productive, easy-to-implement lesson plans for substitute teachers

Labs / Lessons / Field Trips

[√ = available for purchase on TPT; • = free - just contact me]

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|---|---|
| √ metrics conversions | √ photosynthesis equation giant wall banner |
| √ dichotomous keying | √ cell respiration equation giant wall banner |
| √ tree leaves ID project | √ cell respiration -fun controlled experiment |
| √ bullfrog dissection | √ acid rain / seed germination (controlled experiment) |
| - self-paced | √ garden unit (controlled experiment) |
| - linked with human body | • microscope use |
| • bird study | • taxonomic groups (via some tracing / drawing; videos) |
| • wildflower study | • creek study field trip (macroinvertebrates; seining) |
| • pig heart dissection | • balance use (Youtube videos) |
| • Pine Mountain KY field trip (nature / environment / some history & culture) | |
| • water day field trip (pumping station; reservoir; filtration; sewage treatment; landfill) | |

Questions? Please contact me at 502-523-4257 or KWilhelmi@aol.com

"I struggled with staying organized in middle school. Your class and note-taking techniques were exceptionally well structured and helped me a lot with future courses. It was the first time I was actually taught how to structure my notes in a way that could be used across other subjects." - Heeba