

WELCOME
to
SEVENTH GRADE
SCIENCE



SUSAN GERMERAAD

Communication

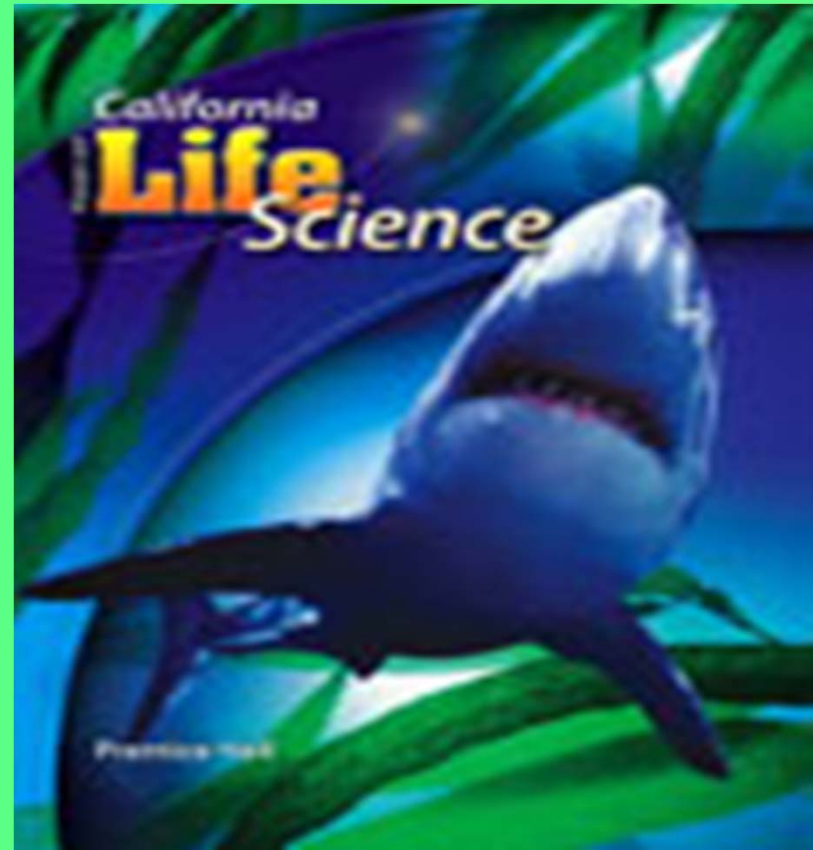
- Email: sgermeraad@saratogausd.org
- Phone: 408 867-3042 x 8177
- <http://www.teacherweb.com/ca/rms/germeraad>
- I am available most days at break, lunch and after school (3RD PERIOD PREP)

LIFE SCIENCE CURRICULUM

- Introduction to living systems
- Electromagnetic radiation: visible light
- The cell: structure and function
(use of microscope)
- Patterns of inheritance
- History of Earth and evolution
- Classification of living organisms
- Structure and function in organisms
- Human body: skeletomuscular system,
circulation/respiration, reproduction

OUR TEXTBOOK

- Book aligned to standards
- Workbook guides reading
- Online: has entire textbook as well as interactive activities, quizzes and many links



HOMework

- Practicing skills and working with concepts
- 15-20 minutes/night
- Often graded as completed or not
- Not full credit? Work was late, incomplete or seriously flawed

EXAMPLES OF LONGER TERM PROJECTS

CELL CATALOG

DNA MODEL

HEART MODEL

ORGANISM REPORT



TESTS

- Combination of multiple choice, fill-in and short-answer essay; a few performance assessments.
- Most aligned with a chapter in the book
- Some practical components
- MASTERY is encouraged. Students who score lower than C may take a makeup IF they have completed all work supporting the unit and go over test WITH ME.

Health: Family Life in Spring

- Basic hygiene
- Puberty
- Reproductive System: structure and function
- STD/AIDS awareness
- Abstinence + others
- Ties in with earlier work on disease

Family Life Parent Meeting

- Takes place weeks before we start the curriculum in class
- Gives you a chance to look over the materials we will be using
- You will get a letter from the school and an email from me.



GARDEN CLASSROOM

Promoting:

Environmental awareness

Understanding of agricultural practices

And... just a nice place to study!



SCIENCE FAIR

- OPTIONAL (<http://www.science-fair.org>)
- Mid-March, San Jose Convention Center
- Work on projects individually or in a small group
- Students must come see me early in September and commit during the Fall.
- I can take 10 projects maximum.