 Judson International School

# ****Biology 1****

**Course Description**: Biology I is a one-year class, which covers the three main areas of biology:  botany, zoology, and human anatomy/physiology.  The class meets once each week for 2 ½ hours of lecture and lab**.** The labs include microscope work, experiments, and dissections.

**Texts:**

Main texts:

Biology, God’s Living Creation, ABeka Publishing

God’s Living Creation -Field and Laboratory Manual, ABeka Publishing

Supplemental texts:

Buchsbaum, Ralph; Buchsbaum Mildred; Pearse, John; Pearse, Vicki,  Animals

        Without Backbones – Third Edition, The University of Chicago, 1987.

Coulombe, Deborah, The Seaside Naturalist, Simon & Schuster, 1992.

Elson, Lawrence, The Zoology Coloring Book, Coloring Concepts, Inc., 1982.

 Johnson, George B., Biology – Visualizing Life, Holt, Reinhart and Winston,

       Inc., 1994.

 Snyderman, Marty, Ocean Life,  Publications Interational, LTD., 1991.

 Sumich, James L., An Introduction to the Biology of Marine Life –  Sixth

       Edition, Wm. C. Brown Publishers, 1996.

 Other sources provided by the instructor

**Evaluations:**  The labs include microscope work, experiments, and dissections.  Four days of homework are given each week.  Weekly quizzes, written tests (about every 6 – 8 weeks), and quarterly practicums (lab tests) are given.   Out-of-class projects are also assigned.  Members of the class will go on one working field trip to the Long Beach Aquarium of the Pacific.

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