

ANCHORAGE SCHOOL DISTRICT
ANCHORAGE, ALASKA

ASD MEMORANDUM #279 (1999-2000)

May 22, 2000

TO : SCHOOL BOARD

FROM: OFFICE OF THE SUPERINTENDENT

SUBJECT: INSTRUCTIONAL MATERIALS APPROVAL: (HIGH SCHOOL COURSES) BIOLOGY I, GEOLOGY I, CHEMISTRY I, PHYSICS, BIOLOGICAL SCIENCES, EARTH SCIENCES, CONCEPTUAL CHEMISTRY, CONCEPTUAL PHYSICS

RECOMMENDATION:

It is the Administration's recommendation that the School Board approves and authorizes the Superintendent to purchase the following texts for the courses specified:

Biology I

- Biology: The Dynamics of Life, Biggs, Kapicka, and Lundgren, Glencoe, 2000
- Modern Biology, Towle, Holt, Rinehart & Winston, 1999

ESL Biology I

- Biology: An Everyday Experience, Kaskel, Hummer, Jr., and Daniel, Glencoe, 1999

Geology I

- Essentials of Geology 7th Edition, Lutgens, Tarbuck, Prentice Hall, 2000

Chemistry I

- Modern Chemistry, Davis et al., Holt, Rinehart & Winston, 1999

Physics

- Holt Physics, Serway and Faughn, Holt, Rinehart & Winston, 1999

Biological Sciences

- Biology, McFarland and Parke, American Guidance Service, 2000

Earth Sciences

- Earth Science, Marshall and Roskopf, American Guidance Service, 2000

Conceptual Chemistry

- Chemistry: Concepts and Applications, Phillips, Strozak, and Wistrom, Glencoe, 2000

Conceptual Physics

- Conceptual Physics, Hewitt, Holt, Scott Foresman Addison Wesley, 1999

PERTINENT FACTS:

Under the auspices of the Science Curriculum Committee, science teachers and interested community members have been meeting for the purpose of reviewing textbooks and materials which reflect the adopted High School Science Frameworks. As part of this process, teachers in several high schools have piloted textbooks across Anchorage for the past two years. It must be noted that these textbooks have been informally correlated to the Anchorage School Districts Frameworks as well as to the National Science Education Standards for content. The use of these recommended materials will allow Anchorage to meet the Alaska Content Standards. Science content was the foremost reason for choosing each of the textbooks. There are other advantages associated with the adoption, but these were not primary in selections. Each publishing company will supply all the ancillary materials to each teacher at no additional cost to the District. The committee worked diligently to find adoptions to meet all requirements and to better serve students in the Anchorage School District. Keeping science books up to date is difficult because of the changing nature of new discoveries and technologies. The last book adoption in this area was in spring of 1991.

These textbooks have been reviewed many times by teachers, departments, scientists and community members. They were presented to high school principals and the Anchorage Council of PTAs Executive Board. They have been presented to and received favorably by the Student Advisory Board.

The Proposed 2000-2001 Financial Plan included \$623,185 to support this adoption. The prices of the individual texts are as follows:

• <u>Biology: The Dynamics of Life</u>	\$51.96
• <u>Modern Biology</u>	\$51.90
• <u>Biology: An Everyday Experience</u>	\$49.92
• <u>Essentials of Geology, 7th Edition</u>	\$45.00
• <u>Modern Chemistry</u>	\$52.95
• <u>Holt Physics</u>	\$51.90
• <u>Biology</u>	\$33.95
• <u>Earth Science</u>	\$33.95
• <u>Chemistry: Concepts and Applications</u>	\$49.50
• <u>Conceptual Physics</u>	\$52.97

BC/CC/FS/DY

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