

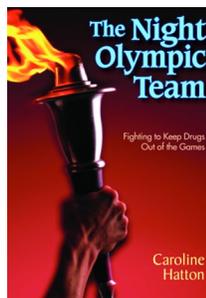
HIGH SCHOOL CURRICULUM TIES for California Public Schools

The Night Olympic Team by Caroline Hatton

Nonfiction

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• Science Framework

Model Scientific attitudes: Scientists are deeply knowledgeable about their fields... but... willing to admit that there is a great deal they do not know.

Grade 9-12: Biology/Life sciences

2., 4., 5. Genetics

2.e. (Genes are... segments of DNA that code for [proteins].)

4.c. Mutations in the DNA sequence of a gene may... affect the sequence of amino acids in the encoded protein.

4.e. Proteins can differ... in the... sequence of amino acids.

5.c. How... (biotechnology) is used to produce novel biomedical... products.

5.d. How... DNA technology... is used to [make] recombinant DNA molecules.

5.e. How exogenous DNA can be inserted into... cells to... [make new proteins].

9. Physiology

9.a. [Cells are provided with oxygen.]

9.i. Hormones... provide internal feedback mechanisms for homeostasis.

• Health Framework

High school

Expectation 1 – Enhance and maintain... health and well-being (food choices, physical activity, mental and emotional health).

Expectation 3 – Protect... health (alcohol, tobacco and other drugs).

Expectation 4 – [Promote family health.]

Expectation 5 – [Promote school and community health.]

Expectation 6 – Understand... physical, mental, emotional, social changes... ([avoid] substance abuse).

Expectation 7 – Understand... growth and development (realistic body image, [recognize] effects of performance-altering substances and [avoid] the use of those substances, focus on the future).

Expectation 9 – Identify information, products and services that may be... harmful to... health (food choices).

• Physical Education Framework

Grade 9: Become knowledgeable consumers in relation to fitness; identify and follow rules.

Grades 10, 11, 12: [Learning new skills take time and practice.]

Grade 12: Evaluate critically the claims made in advertisements about commercial products and programs.

• History/Social Science Framework

Grade 9: Law-related education (current issues).

• Reading/Language Arts Framework

Reading

1.0 Word analysis... vocabulary development

2.0 Reading comprehension (informational materials) (structural features)