SAT SUBJECT TESTS
(SAT II)
BIOLOGY E/M

CollegeBoard.com
Some highly competitive colleges use the Subject Tests for admission and course placement.
A Sampling of Schools Requiring Subject Tests

http://collegeapps.about.com/od/sat/a/sat-subject-test-required.htm (click for requirements)

Amherst College
Barnard College
Boston College
Boston University
Brandeis University
Brown University
Bryn Mawr College
California Institute of Technology (Caltech)
Carnegie Mellon University
Columbia University
Cooper Union (some programs)
Cornell University
Dartmouth College
Duke University
George Washington University (required of some dual degree programs only)
Harvard University

Harvey Mudd College
Haverford College
Massachusetts Institute of Technology (MIT)
Notre Dame (Indiana) (home schooled applicants must take 3 SAT II or AP exams)

New York University (NYU) (but ACT or AP exams can substitute for SAT II)

Olin College of Engineering
Pomona College
Princeton University
Rice University
Rensselaer Polytechnic Institute (RPI) (some programs)

Swarthmore College
Tufts University
University of California
When do I take the test?

- Can be taken at anytime during high school but is recommended at the completion of a course.
SAT SUBJECT TEST
BIOLOGY E/M - Format

- One Hour Exam
- 80 Multiple Choice Questions
  - Ecology or Molecular Biology
    - 60 General Questions
    - 20 Specialty Section
  - Student selects either:
    - BIOLOGY E- ECOLOGY
    - or
    - BIOLOGY M- BIOCHEMISTRY
<table>
<thead>
<tr>
<th>Category</th>
<th>E%</th>
<th>M%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cellular and Molecular Biology</td>
<td>15</td>
<td>27</td>
</tr>
<tr>
<td>Ecology</td>
<td>23</td>
<td>13</td>
</tr>
<tr>
<td>Genetics</td>
<td>15</td>
<td>20</td>
</tr>
<tr>
<td>Organismal Biology</td>
<td>25</td>
<td>25</td>
</tr>
<tr>
<td>Evolution and Diversity</td>
<td>22</td>
<td>15</td>
</tr>
</tbody>
</table>
Scoring

- One point for each correct answer
- Lose a fraction (1/4) of a point for each incorrect answer
- Zero points for questions left BLANK
RAW SCORE = # right - (1/4 x # wrong)

Is converted into:

- SCALED SCORE = 200 to 800
  - Based upon difficulty of test and students performance.
Resources

Free On-Line Book
http://www.sparknotes.com/testprep/books/sat2/biology/

Review Books
Practice Exams

- **CollegeBoard**

- **SparkNotes**

- **Quizlet**
Registration

- Please see your guidance counselor if you are planning to take the exam.
- They will guide you as to how to sign up for the exam.
Check the website for the exam dates and registration dates

(Should register early to sit for the test in Commack)