

**App: Barron's Regents Biology**

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**Grade 8: Living Environment**

**Location of App:** found under Living environment

**Description:** Barron's interactive Biology Regents review is here. Everything you need to prepare for the New York State Regents Exam in biology is now available for your iPod touch, iPhone, and iPad. Students have been trusting Barron's for the most dependable Regents Exam Prep for 70 years. Now it's easier than ever to prepare. Barron's Biology Regents app is the only app that gives you three different ways to study and ultimately achieve a higher tests score. Brush up on your knowledge of biology by testing yourself quickly with two sets of multiple-choice questions, or take your time with a full-length practice test. All questions on these tests appeared on an actual Bio regent's exam. The answer explanations on this app were prepared by the same experienced educators that prepare and edit our best- selling review books. This app gives you an easy and fun way to tackle Regents Bio review questions.

**CCLS standard Addressed: RST.9-10.5:** Analyze the structure of the relationships among concepts in a text, including relationships among key terms.

5. Analyze the structure of texts, including how specific sentences, paragraphs and larger portions of the text relate to each other and the whole.

**CCLS:** Since there is no Common Core learning standards adapted for secondary science, I will use the (NGSS) Next Generation Science Standards which may be adapted soon. <http://www.nextgenscience.org/next-generation-science-standards>.

**NGSS:** Students in high school develop understanding of key concepts that will help them make sense of life science. The ideas are built upon students' science understanding of disciplinary core ideas, science and engineering practices, and crosscutting concepts from earlier grades. There are four life science disciplinary core ideas in high school: 1) From Molecules to Organisms: Structures and Processes, 2) Ecosystems: Interactions, Energy, and Dynamics, 3) Heredity: Inheritance and Variation of Traits, 4) Biological Evolution: Unity and Diversity. The performance expectations for high school life science blend core ideas with scientific and engineering practices and crosscutting concepts to support students in developing useable knowledge that can be applied across the science disciplines. While the performance expectations in high school life science couple particular practices with specific disciplinary core ideas, instructional decisions should include use of many practices underlying the performance expectations.

**Incorporation explanation:** This app is the New York State learning standards. This app can be incorporated in the classroom when there is Regents review at the end of the year. Students can be put into groups and given iPads (my school would provide them). They will be assigned various question sets and a Jigsaw activity can be used to have other students help explain why they got a certain answer. This app is great because it has regents questions that the students need practice on. The Regents Exam is a reading comprehension test so that app lets students see the various ways they ask questions on the Regents. This can also be used with students who are weak on certain topics. They can pick the topics they are struggling on and go through all the questions for that topic.