

Regents Review: Living Environment

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Here are online resources that you can use to prepare for the New York State Regents: Living Environment examination.¹

Review Before and After: Living Environment Regents Examinations

Practice by taking Regents Exams from previous semesters. Click on a date to see tests from that semester. The “Examination” links will allow you to download PDF copies of past exams. Use the scoring key to check your answers. It's recommended that you try out different versions of the test, rather than taking the same version repeatedly.

<http://www.nysedregents.org/LivingEnvironment/>

Oswego Regents Exam Prep Center: Living Environment

A series of materials created by the Oswego City School District. This site includes links to tutorials and interactive quizzes.

<http://www.regentsprep.org/Regents/biology/biology.cfm>

Additional Web Resources

Khan Academy: Cells and Cell Division

The items in the left column of the page are links to instructional videos. Click on the play button icon to watch each video.

<https://www.khanacademy.org/science/biology/cell-division>

Khan Academy: Photosynthesis

<https://www.khanacademy.org/science/biology/photosynthesis>

Khan Academy: Heredity and Genetics

<https://www.khanacademy.org/science/biology/heredity-and-genetics>

Molecules of Inheritance by the University of Utah Health Science Center

This site includes instructional tours, along with some really interesting interactive modules.

<http://learn.genetics.utah.edu/content/molecules/>

¹ **A note to parents: Although we have gathered these links to aid students who are preparing for Regents Exams, we strongly discourage any parent from thinking that these resources alone can take the place of a personal tutor. A strong student who already has excellent grades can prepare for an exam with review materials alone. A student who is struggling usually requires individual instruction to be able to catch up on materials that they've fallen behind on over the course of a semester. No collection of web resources can ever replace a professional tutor who can offer one-on-one instruction.**

Genetic Engineering from University of Nebraska

http://agbiosafety.unl.edu/basic_genetics.shtml

Atlas of Human Anatomy

A collection of labeled anatomical sketches. The sketches of the bones are especially useful.

<http://www.anatomyatlases.org/atlasofanatomy/index.shtml>

University of Washington Muscle Atlas

An extensive collection of plates, describing the individual muscles, where they are attached, and what role they perform in the body.

<http://www.rad.washington.edu/academics/academic-sections/msk/muscle-atlas>

The Nature Education Knowledge Project: Ecology

Click on the topic area to access series of articles in that topic area. To prepare for the New York State Regents, review the articles in the Population, Ecosystem, Global and Community Ecosystem sections.

<http://www.nature.com/scitable/knowledge/ecology-102>

The Scientific Method: An online tutorial from the College of Physicians of Philadelphia

This online tutorial goes through the steps of identifying a disease outbreak, developing hypotheses, and performing a series of tests to try to identify the transmission vectors of that disease outbreak.

<http://www.historyofvaccines.org/content/scientific-method>