

Regents Review: Physics

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Primary Web Resources

Review Before and After: Regents Physics 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/Physics/>

Oswego Regents Exam Prep Center: Physics

A series of materials created by the Oswego City School District. This site includes tutorials and interactive quizzes. The *Online Resources* section – accessed by clicking on the link in the left-hand column – will direct you to articles and interactive materials.

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

Khan Academy Physics

Clicking on one of the subject title blocks at the right will open a menu of videos. The numbers next to the little camera icon indicate the number of videos in each section. The *one-dimensional motion* videos correspond to the *Mechanics-Kinematics* section from the Oswego Regents page.

<https://www.khanacademy.org/science/physics>

Additional Textbooks

Different people have different learning styles and there's no such thing as a single perfect textbook for all students. A change in wording or presentation can easily mean the difference between understanding and confusion. There's no charge for any of these texts, and no credit card number is required, although the CK-12 website will ask you to create a free account before you download PDF copies of their materials.

- **Light and Matter**

A free PDF Physics textbook

<http://www.lightandmatter.com/lm/>

- **Newtonian Mechanics by A.P. French**

Newtonian Mechanics is another name for elementary physics. This text was used in freshmen physics classes at MIT.

<https://archive.org/details/NewtonianMechanics>

- **OpenStax College Physics**

Another free PDF Physics textbook, this one comes from a consortium of educational faculty at Rice University.

https://openstaxcollege.org/files/textbook_version/low_res_pdf/9/col11406-lr.pdf

Additional Online Resources

MIT Open Courseware: Physics I - Classical Mechanics

Use the navigation column at the left, under the *Course Home* heading to move through the sections. After clicking on a section you'll see numbered sub-sections under the *OCW Scholar* heading in the center of the page. Video lectures are included in most of the sub-sections. If you end up applying to MIT, don't forget to mention in your Application Essay that you used the MIT Open Courseware lectures to help prepare for your Regents Exams.

<http://ocw.mit.edu/courses/physics/8-01sc-physics-i-classical-mechanics-fall-2010/index.htm>

Physics.org Study Top Links

Recommended online resources on assorted Physics topics

<http://www.physics.org/article-study.asp?contentid=484>

The Physics Classroom Tutorials

Tutorials on assorted physics topics. Many of the articles feature animations to help illustrate the concepts being presented.

<http://www.physicsclassroom.com/class>