



Physics 12

This course builds on the big ideas in Physics 11 (a prerequisite course). Over 8 units of study, the following big ideas are explored:

Measurement of motion depends on our frame of reference.

Forces can cause *linear and circular motion*.

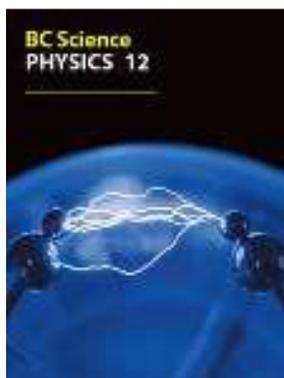
Forces and energy interactions occur within *fields*.

Momentum is conserved within a closed and isolated system.

Curriculum details can be found at: <https://curriculum.gov.bc.ca/curriculum/science/12/physics>.

Resources

In addition to high-speed internet access, this course requires the following:



BC Science Physics 11 published by Edvantage Interactive.

This worktext acts as textbook, workbook, notebook, and study guide. It gives access to essential videos, quizzes and course notes which, together with the videos and simulations provided in the course, enhance and deepen your understanding of the course material.

Adult Students: \$30 through our office (604-517-6191).

NWSS Students: You will receive instructions for how to sign out a copy when you register. If you want your own copy to write in and keep, you will need to purchase it. See cost and details above.

You will also need a scientific (not graphing) calculator.

Technical help can be found on our website (<https://newwestonlinelearning.ca/resources/>). Your teacher is accessible by email, but it is best to drop in during online Office hours for help. Schedule and access information are on the course Home Page.

Assessment

Quizzes provide a way to check your understanding and get feedback and help as you progress. Your final mark is based on the tests from the 8 units. While all assessments are completed from home, be aware that you might be required to come to our supervised location to write tests. Ministry assessment and reporting information can be found at the following website: <https://curriculum.gov.bc.ca/classroom-assessment>.

To Begin

Follow the registration instructions on our website. Once you have received your login information from our office, follow the instructions on the Home Page of the course.

Important: *Students are expected to complete the first unit within 2 weeks of enrolling, to log in and make progress each week, and to finish their online course within a 4–5-month period of time. Please check in with your teacher if you find yourself needing additional time.*

All the best with your studies!