



Worthington Kilbourne High School Course Advisory Sheet

# Physical Science, Biology, Chemistry/ Honors Physical Science, Biology, Chemistry

Science

**Scope and sequence of the standard-level and advanced course:**

Physical Science concepts include the nature of matter and energy; identifiable physical properties of substances; and properties of forces that act on objects. This is a 9th grade/1st level course.

Biology emphasizes the concepts, principles, and theories that enable people to understand the living environment. This is a 10th grade/2nd level course.

Chemistry is an introductory chemistry course.. This course will prepare the student to interpret everyday events in terms of chemical concepts and processes. This is an upper level science course but may be taken concurrently with Biology.

**In a standard-level course, students who typically perform well...**

- ◆ Complete their assigned homework
- ◆ Ask questions and invest time preparing for tests and quizzes for at least 2-3 days leading up to the test/quiz date.
- ◆ Perform better in a more guided environment / setting
- ◆ Benefit from more time in class to cover course topics and review materials with his/her peers and the teacher.
- ◆ Are also planning to take a regular / standard level of math during the same academic year.

**Advanced course students accept additional responsibilities for:**

- ◆ Additional time spent completing out of class work
- ◆ Progresses at a faster pace and to a greater depth of knowledge
- ◆ Regularly checking worked-out solutions and working independently to correct errors
- ◆ Self-starter
- ◆ Reading outside of the class setting and complete assignments without regular prompting.
- ◆ Apply material from the assigned reading to the class setting.
- ◆ Think independently
- ◆ Possess advanced math skills and/or reading skills

**From a student's perspective:**

*'I found honors classes to be more challenging but more rewarding. Students are more focused and on task. Completion of homework in a timely fashion is not only expected, but was a major factor in success in the class.'* - Anonymous Worthington Kilbourne Student

