



Pathways for Scholars 2019-20

## CHEMISTRY

A year-long course for 1 lab science credit In accordance with the S.C. Dept. of Education Chemistry Standards Prerequisite Course: Physical Science

Major areas of study: atoms, elements, compounds, and the Periodic Table; properties of matter; chemical bonding; chemical reactions; solutions; acids & bases; the electromagnetic spectrum; and nuclear reactions.

Students will participate in Fridays' classroom instructions, classroom labs and activities, and follow up lab reports. Weekly prepared assignment worksheets will accompany assigned youtube video tutorials each week. Focused research project on unit topics will occasionally be assigned, presented in a powerpoint format. There will be quizzes and unit tests, and a final exam.