



WAYNESBORO HIGH SCHOOL

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<http://www.waynesboro.k12.va.us/wboro/whs/>

Curriculum at a Glance

Chemistry

<u>Time Frame</u>	<u>Content (Nouns)</u>	<u>Skills (Verbs)</u>
All semester	Lab skills and safety	Identify, demonstrate, observe, analyze, graph, conclude
Q1 - 1.5 weeks	Atomic structure & Periodic Table	Define, identify, analyze, calculate
1 week	Ionic Bonding	Define, diagram, compare, analyze
1 week	Moles, metric system, problem solving	Define, apply, analyze, calculate
1 week	States of matter	Compare, explain, apply, calculate
1 week	Reactions, equations	Identify, diagram, compare, analyze, calculate
1 week	Chemical formulas, Avogadro's number	Define, analyze, apply, calculate
1 week	Heats of reaction	Interpret, analyze, apply, calculate
1.5 weeks	Stoichiometry	Define, analyze, apply, calculate
Q2 - 1.5 weeks	Gas Laws	State, graph, analyze,

1 week	Electron arrangement, periodic trends	apply, explain, calculate Analyze, explain, apply
1.5 weeks	Covalent and metallic bonds, polar bonds	Define, describe, explain, diagram, compare, analyze
1.5 weeks	Solutions, acids and bases	Define, apply, predict, analyze, compare, calculate
0.5 weeks	Rates, equilibrium	Define, compare, predict, analyze
1 week	Review and testing	
1 week	Labs, School Improvement goal	Demonstrate, describe, analyze, conclude, synthesize
1week	Review and testing	