

## CMS Comprehensive Science Model 2007-10

	<b>Elementary</b>	<b>Middle</b>	<b>High</b>
Basic Program (NC Standard Course of Study)	<ul style="list-style-type: none"> <li>• McMillan/McGraw Hill Textbook Series</li> <li>• McMillan/McGraw Hill Science Kits</li> <li>• McMillan/McGraw Hill Electronic Resources (loaded onto CITRIX)</li> <li>• Unit and Lesson plans on RiverDeep</li> </ul>	<ul style="list-style-type: none"> <li>• McDougal Littell Textbook Series</li> <li>• McDougal Littell Electronic Resources</li> <li>• Unit and Lesson Plans on River Deep</li> </ul>	<ul style="list-style-type: none"> <li>• Prentice Hall for Earth/Environmental Science (9<sup>th</sup> grade) and Biology</li> <li>• Holt for Physical Science</li> <li>• Glencoe for Chemistry and Physics</li> <li>• Assorted publishers for electives and AP/IB classes</li> </ul>
Courses	<ul style="list-style-type: none"> <li>• NC SCS Grades K-5</li> </ul>	<ul style="list-style-type: none"> <li>• Science 6<sup>th</sup>-8<sup>th</sup> grade</li> </ul>	<ul style="list-style-type: none"> <li>• Earth/Environmental Science *</li> <li>• Biology (a 3 on the EOC required to graduate)*</li> <li>• Greenhouse Biology (Precursor course for Standard level Biology)</li> <li>• A physical science (Physical Science, Chemistry or Physics) *</li> <li>• Electives (Astronomy, Anatomy, Oceanography, Forensic Science, Microbiology)</li> <li>• AP/IB courses (Environmental Science, Biology, Chemistry, Physics)</li> </ul>
Intervention Programs	<ul style="list-style-type: none"> <li>• McMillan/McGraw Hill Electronic Resources (loaded onto CITRIX)</li> </ul>	<ul style="list-style-type: none"> <li>• McDougal-Littell Electronic Resources (loaded onto CITRIX)</li> <li>• ClassTrac</li> </ul>	<ul style="list-style-type: none"> <li>• Textbook electronic resources (loaded onto CITRIX)</li> <li>• ClassTrac</li> </ul>
Acceleration /Enrichment Programs	<ul style="list-style-type: none"> <li>• Engineering is Elementary</li> <li>• International Baccalaureate (Pre-IB)</li> <li>• Competitions (Science Olympiad and Science Fair)</li> <li>• Camp Invention (summer offering)</li> </ul>	<ul style="list-style-type: none"> <li>International Baccalaureate (Pre-IB)</li> <li>• ClassTrac</li> <li>• Competitions (Science Olympiad, NASA/SEMA Robotics, Science Fair)</li> </ul>	<ul style="list-style-type: none"> <li>• Competitions (Science Fair, Junior Science and Humanities Symposium, Science Olympiad, Odyssey of the Mind)</li> </ul>
Professional Development	<ul style="list-style-type: none"> <li>• Summer courses for K-5 teachers</li> <li>• Learning Science for Teaching courses-UC Berkeley and Wested</li> <li>• Center for Math, Science and Technology Education 3<sup>rd</sup>-5<sup>th</sup> Grade Workshops</li> <li>• NCDPI Elementary Science Leadership Workshops in the summer</li> </ul>	<ul style="list-style-type: none"> <li>• Dedicated PD Position for McDougal Littell</li> <li>• Lead Teachers</li> <li>• Department Chairs</li> <li>• NCDPI Middle School Leadership Workshops in the summer</li> <li>• Summer courses in classroom management, assessment, safety</li> </ul>	<ul style="list-style-type: none"> <li>Lead Teachers (Earth/Env, Biology, Chemistry, Physics)</li> <li>• Department Chairs</li> <li>• Calculator Training and Support (TI-TLC)</li> <li>• UNCC-CMSTE, AP Alliances</li> <li>• Summer courses in classroom management, assessment, safety</li> </ul>
			*Required for graduation

