

**Technology Syllabus, First Academic Quarter 2010-2011**

**Course Instructor: Mr. Anastasios Georgiou (Mr. T.),**

Full Course Descriptions with Learning Objectives: <http://data.fldoe.org/crsCode/default.cfm?level=68&category=Computer%20Education>

<b>M/J Introduction to Computers</b> <b>Course Code: 0200000</b> <b>6th Grade</b>	<b>M/J Computer Applications I</b> <b>Course Code: 0200010</b> <b>7th Grade</b>	<b>M/J Computer Applications II</b> <b>Course Code: 0200020</b> <b>8th Grade</b>
<p><b>Instructional Materials:</b></p> <ul style="list-style-type: none"> <li>• <i>Mavis Beacon Teaches Typing</i></li> <li>• <i>Introduction to computer essentials and Windows</i></li> <li>• <i>MS Word</i></li> <li>• <i>MS Power Point Presentation</i></li> </ul> <p><b>Scope:</b></p> <ul style="list-style-type: none"> <li>• Typing Skills I (Goal 25 WPM)</li> <li>• Introduction to the Windows Operating System including: saving, and retrieving files; renaming files; file structure; using shared devices; and working productively in a network environment.</li> <li>• Basic word-processing functions including the use of MS Word software. Use of learned computer skills to prepare items necessary for other classes (i.e. writing assignments. )</li> <li>• Advanced word processing functions such as mail merge for mass mailings, tables and table formatting, reports, tables of content, etc. will be discussed if time permits.</li> <li>• Introduction to PPP (Power Point Presentation) that will allow students to create eye-catching presentations that include graphs and charts, sound and other media.</li> </ul>	<p><b>Instructional Materials:</b></p> <ul style="list-style-type: none"> <li>• <i>Mavis Beacon Teaches Typing</i></li> <li>• <i>Review of computer essentials and Windows</i></li> <li>• <i>Adobe (previously Macromedia) Fireworks</i></li> </ul> <p><b>Scope:</b></p> <ul style="list-style-type: none"> <li>• Typing Skills III (Goal 35 WPM)</li> <li>• Review of the Windows Operating System including: saving, and retrieving files; renaming files; file structure; using shared devices; and working productively in a network environment.</li> <li>• Fireworks is a sophisticated solution for creating and manipulating graphics primarily aimed to interactive web sites. Simple animations can be easily created with this professional grade tool. Fireworks can be used to manipulate not only vector (simple) graphics, but bitmap (picture quality) graphics as well.</li> </ul>	<p><b>Instructional Materials:</b></p> <ul style="list-style-type: none"> <li>• <i>Review of computer essentials and Windows</i></li> <li>• <i>MS Access (RDBMS)</i></li> <li>• <i>Adobe Premiere Elements 4.0</i></li> </ul> <p><b>Scope:</b></p> <ul style="list-style-type: none"> <li>• Review of the Windows Operating System including: saving, and retrieving files; renaming files; file structure; using shared devices; and working productively in a network environment.</li> <li>• Learn the use of computer software in creating digital images and the relationship with mathematics and Boolean (AND, OR, NOT) functions using Bryce 6, the latest version of this program.</li> <li>• The world of digital video editing is explored: Students will learn more advanced skills in movie making using the popular video editing software by Adobe. At the end of instruction, students will create a video project which will be graded as well as burned on to a DVD for them to keep.</li> </ul>

**Projects & Activities:**

- Projects and activities in this class will integrate with activities from other subjects, such as Science, Math, Language Arts, and Social Studies.
- Class time will be allocated for targeted writing assignments and other integrated projects.

**Assessment:**

Assessment will be as follows: Projects & Tests/Quizzes: 30 %, Exercises: 25 %, Daily Work: 45%.

Students that have difficulty keeping pace with the class are required to make an appointment with the instructor so they can receive individualized attention through the extended school day.

\*\*\* The technology instructor will be available to assist students that have trouble with technology assignments on **Wednesdays** from 2:15 to 5:00 pm in the computer lab . The computer lab is always open for all other purposes from 2:15 to 5:00 p.m. Tuesday through Friday.