

## CHAPTER 6

### 6.1 Instructional Program (Revised 03-15-2005) (Revised 04/14/09)

Based upon the belief that “Through the provision of an appropriate educational program at the early, middle, adolescent, and adult levels, the pupil should achieve maximum personal development, positive interpersonal relationships, and good citizenship”, the following programs of instruction are founded.

#### 6.1.1 Pre-kindergarten

Children in pre-k will have daily opportunities for experiences in the following content areas:

- Language and Literacy
- Mathematics
- Science
- Physical Health
- The Arts
- Social Studies
- Social/Emotional Development

The acquisition of oral language and building literacy skills shall be a primary focus. Learning centers are required for pre-k classrooms.

#### 6.1.2 Required Elementary School Subjects

##### 6.1.2.1 Primary Elementary K-2

A. In K-2 classrooms, the following content areas are taught daily.

1. Reading and English Language Arts
2. Mathematics

A minimum, daily-uninterrupted 90 minutes reading block shall be scheduled. A minimum of 60 minutes of daily mathematics instruction is required.

B. Physical Education must be provided for not less than three days a week for a minimum of 30 minutes.

C. Content areas may be integrated into classroom instruction. Instruction in the following content areas may or may not be offered daily. Sufficient emphasis must be placed on the given content areas to ensure that students master content knowledge and skills as specified in the 21<sup>st</sup> century content standards and objectives for each subject.

1. Science
2. Social Studies
3. Visual Art
4. Music
5. Health
6. Learning Skills and Technology Tools

#### **6.1.2.2 Intermediate Elementary 3-4**

A. Intermediate elementary students will be taught the following content areas daily.

1. Reading and English Language Arts
2. Mathematics
3. Science
4. Social Studies

A minimum, 90 minutes of reading and English language arts instruction shall be provided. A minimum of 60 minutes of daily mathematics instruction is required.

B. Physical Education must be provided for not less than three days a week for a minimum of 30 minutes.

C. The following content areas will be offered with frequency sufficient to achieve mastery of the West Virginia approved content standards and objectives for those areas and meet the needs of children.

1. Visual Art
2. Music
3. Health
4. Learning Skills and Technology Tools

D. Components of career awareness and the application of technology shall be included during instruction in all subjects. The study of foreign language is encouraged.

#### **6.1.3 Middle Level Education 5-8**

A. The following core courses shall be taught daily by a team of qualified teachers. The core courses will be offered within a block of time equal to a minimum of 180 minutes.

1. Reading and English Language Arts
2. Mathematics
3. Science
4. Social Studies

B. Physical Education must be provided not less than one full period each school day of one semester of the school year.

B. These required courses are considered part of the encore curriculum and each course shall be taught. Students shall be enrolled in each course for a minimum of 18 weeks cumulative across grades 6-8.

1. Visual Art
2. Music<sup>1</sup>
3. Health<sup>2</sup>

Foreign language shall be offered annually.

1. Foreign Language<sup>3</sup>

These requirements shall be integrated into the middle level education as determined by the principal and the team of teachers.

1. Advisory/Comprehensive School Guidance and Counseling
2. Career Exploration
3. Technology

<sup>1</sup>Choral and instrument music must be offered no later than grade 6. Chorus or instrumental music may substitute for the required music course at each grade level.

<sup>2</sup>In accordance with WV Code §18-2-9, instruction in CPR and First Aid shall be included in the health education curriculum in any of the grades six through eight as considered appropriate by the county board of education.

<sup>3</sup>A foreign language course, in the same foreign language, must be offered for students in grade 7 and grade 8.

#### **6.1.4 Graduation Requirements**

In order to graduate from a Marshall County high school, ALL of the following requirements must be met.

A student may not graduate from high school ahead of their class. The social needs of a student are such that a four year high school program is

desirable to ensure appropriate emotional maturity for the strain of college or the rigors of the world of work. Exception to this rule could be dictated by a student's Individual Educational Plan.

A pupil who enrolls in a public high school during regular school term shall enroll as a full time student.

All students will participate in an experiential learning setting.

Summer school courses taken following a school year will be included in the previous school year's reports for purposes of class rank and promotion.

A pupil who enrolls in Marshall County Schools for the first time during the senior year may graduate by completing either the Marshall County requirements or the requirements of the high school previously attended.

The minimum requirement for graduation from high school for students entering grade 9 for FY05 shall be earned as follows:

<b>Core Requirements (17 Credits)</b>	
<b>Reading and English Language Arts</b>	<b>4 credits</b> English 9, 10, 11, 12
<b>Mathematics</b>	<b>3 credits</b> Two of the three credits will be Algebra I and above
<b>Science</b>	<b>3 credits</b> CATS 9, CATS 10, and one course above the CATS 10 level
<b>Social Studies</b>	<b>4 credits</b> United States to 1900 World Studies to 1900 Twentieth and Twenty-First Centuries Civics/Government
<b>Physical Education</b>	<b>1 credit</b>
<b>Health</b>	<b>1 credit</b>
<b>The Arts</b>	<b>1 credit</b>
<b>Electives</b>	<b>3 credits</b> The remaining graduation requirements are to be electives.

<b>Career Concentration Courses (4 Credits)</b>		
<b>Professional Pathway</b>	<b>Skilled Pathway</b>	<b>Entry Pathway</b>
Mathematics—4 <sup>th</sup> credit (which must be above Algebra I)	Mathematics – 4 <sup>th</sup> credit (which must be above Algebra I)	Concentration B 4 credits
Science – 4 <sup>th</sup> credit (which must be above CATS 10)	Concentration – 3 credits	
Foreign Language – 2 credits in one language		

<b>Career Development</b>	Prior to students selecting concentrations, opportunities for career decision-making must be provided in grades 9-10.
<b>Experiential learning</b>	All students must participate in an experiential learning experience at some time in grades 9-12. If credit is granted for these experiences, content standards and objectives will be developed and approved at the local level.
<b>Foreign Language</b>	All students are strongly encouraged to complete two credits in a foreign language. Elective offerings not based on WVBE content standards and objectives must have written content standards and objectives approved by the county board of education.

\* Successful completion of Applied Math I and II is equivalent to an Algebra I credit and a credit for a course prior to Algebra I. All students must take Algebra I or its equivalent prior to the end of the 10<sup>th</sup> grade.

\*\* With parental consent, students with a declared entry or skilled level major in vocational agriculture will, upon successful completion of a Robert C. Beach Vocational Agriculture credit in grade 11 or 12, be exempt from the third required unit of credit in science.

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\*\*\*Concentration credits are to be taken by all students. Entry level career and technical students must complete four units in a concentration. The four concentration units provided students in entry-level technical majors and two of the concentration units at the skilled level must be consistent with those defined in the Required Technical Courses by Career Concentration technical assistance document published by the WVDE. Each technical concentration in a school shall obtain and maintain an appropriate industry recognized accreditation/certification, when one is available, and shall provide students the opportunity to obtain an industry-recognized credential as part of the instructional program.

The minimum requirement for graduation from high for students entering grade 9 in FY06 shall be earned as follows:

<b>Core Requirements (18 credits)</b>	
<b>Reading and Language Arts</b>	<b>4 credits</b> English 9, 10, 11, 12
<b>Mathematics</b>	<b>3 credits</b> (3 credits required for entry pathway students entering 9 <sup>th</sup> grade in FY06) (4 credits required for all entering 9 <sup>th</sup> grade students in FY07)
<b>Social Studies</b>	<b>4 credits</b> United States to 1900 World Studies to 1900 20 <sup>th</sup> and 21 <sup>st</sup> Centuries Civics/Government
<b>Science</b>	<b>3 credits</b> CATS 9, and two courses above the CATS 9 level
<b>Physical Education</b>	<b>1 credit</b>
<b>The Arts</b>	<b>1 credit</b>
<b>Health</b>	<b>1 credit</b>
<b>Electives</b>	<b>3 credits</b> the remaining graduation requirements are to be electives

<b>Career Concentration Courses (4 credits)</b>		
<b>Professional Pathway</b>	<b>Skilled Pathway</b>	<b>Entry Pathway</b>
Mathematics – 4 credits (at least 3 of the 4 credits must be Algebra 1 and above)	Mathematics – 4 credits (at least 3 of the 4 credits must be Algebra 1 and above)	Concentration B3– 4 credits
Science – 4 <sup>th</sup> credit (which must be above CATS 9)	Concentration - 3 credits	Mathematics – 3 credits (For students entering 9 <sup>th</sup> grade in FY06, three mathematics credits are required with at least 2 of the 3 credits being Algebra I and above.) (For students entering 9 <sup>th</sup> grade in FY07, four mathematics credits are required with at least 2 of the 4 credits being

		Algebra I and above.)
Foreign Language – 2 credits in one language		

<b>Career Development</b>	Prior to students selecting career concentrations, opportunities for career decision-making must be provided in grades 9-10.
<b>Experiential Learning</b>	All students must participate in an experiential learning experience at some time in grades 9-12. If credit is granted for these experiences, content standards and objectives will be developed and approved at the local level.

\* Successful completion of Applied Math I and II is equivalent to an Algebra I credit and a credit for a course prior to Algebra I. All students must take Algebra I or its equivalent prior to the end of the 10<sup>th</sup> grade.

\*\* With parental consent, students with a declared entry or skilled level major in vocational agriculture will, upon successful completion of a Robert C. Beach Vocational Agriculture credit in grade 11 or 12, be exempt from the third required unit of credit in science.



\*\*\*Concentration credits are to be taken by all students. Entry level career and technical students must complete four units in a concentration. The four concentration units provided students in entry-level technical majors and two of the concentration units at the skilled level must be consistent with those defined in the Required Technical Courses by Career Concentration technical assistance document published by the WVDE. Each technical concentration in a school shall obtain and maintain an appropriate industry recognized accreditation/certification, when one is available, and shall provide students the opportunity to obtain an industry-recognized credential as part of the instructional program.



The minimum requirement for graduation from high for students entering grade 9 in FY09 shall be earned as follows:

<b>Core Requirements (18 credits)</b>	
<b>Reading and Language Arts</b>	<b>4 credits</b> English 9, 10, 11, 12
<b>Mathematics</b>	<b>4 credits</b>
<b>Science</b>	<b>3 credits</b> Physical Science Biology or Conceptual Biology Chemistry or Conceptual Chemistry or Life Science or Earth Science (effective with 9 <sup>th</sup> grade students entering in 2008-09 and 2009-10 only)
<b>Social Studies</b>	<b>4 credits</b> United States to 1900 World Studies to 1900, 20 <sup>th</sup> and 21 <sup>st</sup> Centuries Civics/Government
<b>Physical Education</b>	<b>1 credit</b>
<b>Health</b>	<b>1 credit</b>
<b>The Arts</b>	<b>1 credit</b>
<b>Electives</b>	<b>2 credits</b> The remaining graduation requirements are to be electives.

<b>Career Concentration Courses (4 Credits)</b>	
<b>Professional Pathway</b>	<b>Skilled Pathway</b>
Concentration – 1 additional elective credit required	
Science – 4 <sup>th</sup> credit (which must be above Physical Science)	Concentration - 3-4 additional credits required related to the selected career concentration
Foreign Language – 2 credits in one language	

<b>Career Development</b>	Prior to students selecting a concentration and pathways, opportunities for career decision-making must be provided in grades 9-10
<b>Experiential Learning</b>	All students must participate in an experiential learning experience at some time in grades 9-12. If credit is granted for



	these experiences, content standards and objectives will be developed and approved at the local level. (See Section 5.6.5)
<b>Technology</b>	Students in grades 9-12 shall be provided integrated opportunities within the core requirements to master the standards for Policy 2520.14. It is recommended that all students take at least one course in technology applications during grades 9-12. It is also recommended that all students complete an online learning experience during grade 9-12.
<b>Senior Year</b>	All West Virginia High School students shall be fully enrolled in a full day of high school and/or college credit bearing courses. It is recommended that students complete a senior project to add rigor and relevance to the senior year.

The minimum requirement for graduation from high for students entering grade 9 in FY011 shall be earned as follows:

<b>Core Requirements (18 credits)</b>	
<b>Reading and Language Arts</b>	<b>4 credits</b> English 9, 10, 11, 12
<b>Mathematics</b>	<b>4 credits</b>
<b>Science</b>	<b>3 credits</b> Physical Science Biology or Conceptual Biology Chemistry or Conceptual Chemistry Physics
<b>Social Studies</b>	<b>4 credits</b> World Studies to 1900, United States to 1900 20 <sup>th</sup> and 21 <sup>st</sup> Centuries Civics for the 21 <sup>st</sup> Century
<b>Physical Education</b>	<b>1 credit</b>
<b>Health</b>	<b>1 credit</b>
<b>The Arts</b>	<b>1 credit</b>
<b>Electives</b>	<b>2 credits</b> The remaining graduation requirements are to be electives.

<b>Career Concentration Courses (4 Credits)</b>	
<b>Professional Pathway</b>	<b>Skilled Pathway</b>
Concentration – 1 additional elective credit required related to the selected career concentration	
Science – 4 <sup>th</sup> credit (which must be above Physical Science)	Concentration - 4 additional credits required related to the selected career concentration
Foreign Language – 2 credits in one language	

<b>Career Development</b>	Prior to students selecting a concentration and pathways, opportunities for career decision-making must be provided in grades 9-10
<b>Experiential Learning</b>	All students must participate in an experiential learning experience at some time in grades 9-12. If credit is granted for these experiences, content standards and objectives will be developed and approved at the local level. (See Section 5.6.5)
<b>Technology</b>	Students in grades 9-12 shall be provided integrated opportunities within the core requirements to master the standards for Policy 2520.14. It is recommended that all students take at least one course in technology applications during grades 9-12. It is also recommended that all students complete an online learning experience during grade 9-12.
<b>Senior Year</b>	All West Virginia High School students shall be fully enrolled in a full day of high school and/or college credit bearing courses. It is recommended that students complete a senior project to add rigor and relevance to the senior year.

<b>Adolescent (9-12) Electives (Effective July 1, 2008)</b>		
	<b>Electives Required to Be Offered</b>	<b>Optional Electives</b>
Note: Any course offered in lieu of a graduation requirement must first receive a WVBE approved	These courses must be offered at least in alternating years.	These courses (or others) may be offered depending on need or student demand.

waiver before counting towards graduation. <sup>1</sup>		
<b>College Board AP Courses/IB Program</b>	A minimum of four College Board AP Courses or the IB Program must be offered annually.	
<b>Reading and English Language Arts</b>	<ul style="list-style-type: none"> <li>• Journalism/Newspaper /Yearbook</li> <li>• Speech</li> </ul>	<ul style="list-style-type: none"> <li>• Desk Top Publishing</li> <li>• English college courses</li> <li>• AP English</li> <li>• Creative Writing</li> <li>• Library/Media</li> <li>• Technical Writing</li> <li>• Broadcast Journalism</li> </ul>
<b>Mathematics</b>	<ul style="list-style-type: none"> <li>• Algebra II</li> <li>• Algebra III</li> <li>• Geometry or Applied Geometry</li> <li>• Pre-Calculus</li> <li>• Trigonometry</li> <li>• Conceptual Mathematics</li> <li>• College Transition Mathematics (this course must be offered annually)</li> </ul>	<ul style="list-style-type: none"> <li>• Calculus</li> <li>• Integrated Mathematics I, II, III, and IV</li> <li>• Probability and Statistics</li> <li>• Mathematics college courses</li> <li>• AP Mathematics courses</li> </ul>
<b>Science</b>	<ul style="list-style-type: none"> <li>• Physics</li> <li>• Earth Science</li> <li>• Human Anatomy and Physiology</li> </ul>	<ul style="list-style-type: none"> <li>• Conceptual Physics</li> <li>• Science college courses</li> <li>• Biology II</li> <li>• Chemistry II</li> <li>• Physics II</li> <li>• AP Science courses</li> </ul>
<b>Social Studies</b>	<ul style="list-style-type: none"> <li>• Economics</li> <li>• Geography</li> </ul>	<ul style="list-style-type: none"> <li>• Social Studies college courses</li> <li>• AP Social Studies courses</li> </ul>
<b>Foreign Language</b>	Three levels of one foreign language	<ul style="list-style-type: none"> <li>• Other foreign languages based on student need and interest</li> <li>• AP Foreign Language</li> </ul>
<b>Health</b>	Any courses required to satisfy a concentration	Other health courses based on student need and interest
<b>Physical Education</b>	Any courses required to satisfy a concentration and one lifetime physical	<ul style="list-style-type: none"> <li>• Other physical education courses based on student need and interest</li> </ul>

	education course	<ul style="list-style-type: none"> <li>• AP Physical Education</li> </ul>
<b>The Arts</b>	Four sequential levels of student achievement in music (both choral and instrumental), visual art (general art and/or studio art), dance, theatre	<ul style="list-style-type: none"> <li>• Other courses in the arts based on student need and interest</li> <li>• AP Arts Courses</li> </ul>
<b>Concentrations</b>	Four specified courses within a concentration	Other courses based on student need and interest
<b>Driver Education</b>	One course	Other driver education courses based on student need and interest
<b>Technology</b>	Students must be provided opportunities for advanced technology applications.	<ul style="list-style-type: none"> <li>• Information Technology</li> <li>• Information Management</li> <li>• Web Development</li> <li>• Other courses based on student need and interest</li> </ul>
<b>Career/Technical Education</b> Note: Schools must provide students access to concentrations in a minimum of four of the following career clusters: <ul style="list-style-type: none"> <li>• Arts and Humanities</li> <li>• Business/Marketing</li> <li>• Engineering/Technical</li> <li>• Health Sciences</li> <li>• Human Services</li> <li>• Science/Natural Resources</li> </ul>	80% of students in grades 9-10 must have access to at least one career-technical foundation course. One foundation course must be offered that teaches parenting skills.	Other career/technical education courses based on student need and interest
	30% of students in grades 11-12 must have access to four units in a career/technical concentration and two career/technical electives	Other career/technical education courses based on student need and interest
	An additional 30% of students in grades 11-12 must have access to two units in a career/technical concentration	Other career/technical education courses based on student need and interest

<b>Career Development</b>	Students must be provided opportunities for in-depth exploration of their chosen career cluster in grades 9-10 through formal coursework, we-based or independent studies, or other alternative means
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<sup>1</sup>Any College Board AP course or IB Program taught by a rained AP/IB teacher may substitute for a course related graduation requirement.

### **6.1.6 Instructional Day**

The school calendar shall provide at a minimum;

Pre-K	12 hours per week on consecutive days
Grades K-4	315 minutes per day
Grades 5-8	330 minutes per day
Grades 9-12	345 minutes per day

These minutes are instructional minutes; namely, time allocated for the teaching - learning process. Recess, lunch, class changes, and other non-instructional activities shall not be included in computing instructional time.