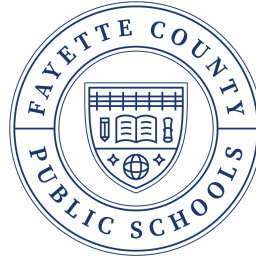


# FCPS Middle School CTE Scope & Sequence



- [CTE Exploratory Class Progression at Middle Schools \(version 2.1\)23.24](#)
- [KDE CTE Middle School Courses](#) Program of Studies
- [FCPS CTE Middle School Program Areas Shared Resource Folder](#)
- [MS Instructional Frameworks for Principals](#)
- [MS PLC - Standards, Frameworks, and Syllabi Progress](#)
- Approved MS courses for HS credit
  - Computer Literacy 110110 / Digital Literacy 060112 - [CTE-Digital and Computer Literacy 22-23 Unit Framework](#)
  - 200113- FCS Life Essentials - [CTE-FACS Essentials 22-23 Unit Framework](#)
  - Agriscience 030711 - [High School Agriculture Elective at the Middle School Level](#)
  - Engineering 1210221 (HS Credit) - [FCPS Engineering 1&2 Instructional Framework](#)
- Frameworks & Syllabi
  - [Agriculture](#)
  - [Business](#)
  - [Career Studies](#)
  - [Engineering/STEM](#)
  - [Engineering PLTW](#)
  - [Family Consumer Science](#)
  - [Health Science](#)
  - [Media Arts](#)

## Agriculture

|   |  |  |
|---|--|--|
| <p><b>Agriscience Exploration 030717</b><br/> <a href="#">Agriscience Exploration Instructional Framework (030717) 23-24</a></p>  | <p><b>Principles of Agriscience and Technology 030714</b><br/> <a href="#">Principles of Agriscience and Technology Instructional Framework (030714) 23-24</a></p>   | <p><b>Agriscience 030711 (Full Year. HS Credit)</b><br/> <a href="#">Agriscience Instructional Framework (030711) HS Credit 23-24 (8th)</a><br/> <a href="#">AgriScience LTAC Curriculum Maps</a></p>    |
| Syllabus  | Syllabus   | Syllabus   |
| <p>EJMS 6TH - William Bishoff<br/>                 JCMS 7TH- Alana Bently<br/>                 LMS 6TH &amp; 7TH -</p>  | <p>BMS 6TH -<br/>                 JCMS 8TH - Alana Bently<br/>                 TCMS 6TH, 7TH, 8TH - Eli Parham<br/>                 CGW - Jacob Ball</p>   | <p>BMS 7TH (a) 8TH (b) -<br/>                 EJMS 7TH (a) 8TH (b) - William Bishoff<br/>                 JCMS 8TH- Alana Bently<br/>                 LMS 8TH-<br/>                 CGW - Jacob Ball</p> |
| <p><b>Instructional Resources:</b></p> <ul style="list-style-type: none"> <li><a href="#">Agriculture Education Standards for Middle School</a></li> <li><a href="#">FCPS Middle School Agriculture Education Essential Standards/Skills</a></li> <li><a href="#">Register - Curriculum for Agricultural Science Education</a></li> <li><a href="#">FCPS Agriculture Education Resources Shared Drive</a></li> <li><a href="#">Agriculture FCPS MS Shared Drive</a></li> <li><a href="#">Curriculum Standards and Resources</a> - example of AK frameworks</li> <li><a href="#">Middle School Curriculum By Grade</a> Georgia</li> <li><a href="#">Kentucky Agriculture and Environment in the Classroom Programs</a> Kentucky</li> </ul> | <p><b>CTSOs:</b></p> <ul style="list-style-type: none"> <li><a href="#">Kentucky FFA</a></li> <li><a href="#">National FFA</a></li> <li><a href="#">Curriculum Resources   KY FFA</a></li> </ul> <p><b>PLC Network</b></p> <ul style="list-style-type: none"> <li><a href="#">FCPS CTE TEACHERS   MS Agriculture   Microsoft Teams</a></li> <li><a href="#">Agriculture PLC Page</a></li> </ul> <p><b>High School Pathways</b></p> <ul style="list-style-type: none"> <li><a href="#">*FCPS CTE - Agriculture Program Area Scope and Sequence</a></li> </ul> |  |

## Career Studies

|  |  |   |
|--|--|---|
| <p><b>Career Choices 320101</b><br/> <a href="#">6th Grade Career Exploration</a></p>  | <p><b>Career Choices 320101</b><br/> <a href="#">7th Grade Career Studies</a></p>  | <p><b>Career Choices 320101</b><br/> <a href="#">8th Grade Career Choices</a></p> |
| Syllabus   | Syllabus   | Syllabus  |
| <p>CMS 6th, 7th, 8th - James Bruce</p>   | <p>SMS 8TH - Jackson &amp; Cannon</p>  | <p>TCMS 6TH, 7TH, 8TH - ?</p>   |
| <p><b>Resources:</b></p> <ul style="list-style-type: none"> <li><a href="#">Middle School Career Resources - Kentucky Department of Education</a></li> <li><a href="#">Kentucky Academic Standards for Career Studies &amp; Financial Literacy</a></li> <li><a href="#">MIDDLE SCHOOL EXPLORATORY TASK COLLECTION</a></li> <li><a href="#">Career Studies</a></li> <li><a href="#">Kentucky Academic Standards for Technology Grades K-12</a></li> <li><a href="#">Business/Careers/Media Arts</a> FCPS MS Shared Drive</li> </ul> | <p><b>PLC Network</b></p> <ul style="list-style-type: none"> <li><a href="#">FCPS CTE TEACHERS   MS Business   Microsoft Teams</a></li> <li><a href="#">Business and Marketing PLC Page</a></li> </ul> |   |

| Business   |  |  |   |  |                                      |
|--|--|--|---|--|--------------------------------------|
| <b>060160 Computer and Technology Concept</b>  | <b>Computer/ Keyboarding<br/>902010 - this is tech competency course code - we should be using<br/>Keyboarding Applications<br/>060113</b> | <b>Business &amp; Marketing Concepts &amp; Applications<br/>080711</b> | <b>Business &amp; Marketing Career Exploration<br/>060195</b>   | <b>Digital Literacy<br/>060112 HS Credit<br/><a href="#">CTE-Digital and Computer Literacy Instructional Framework</a></b> | <b>Financial Literacy<br/>909999</b> |
| Syllabus   | Syllabus   | Syllabus   | Syllabus  | Syllabus   | Syllabus                             |
| LMS 6TH - A. Ferral  | EJMS 6TH - N. Payne  | EJMS 7TH N. Payne<br>JCMS 8TH - C. Reeder                              | JCMS 8TH - C. Reeder  | BMS 8TH - B. French<br>LMS 8TH - C. Johnson  | EJMS N. Payne                        |
| <b>Instructional Resources:</b> <ul style="list-style-type: none"> <li>• <a href="#">Business and Marketing Education Standards for Middle School</a></li> <li>• <a href="#">Business and Marketing Education Resources Shared Drive</a></li> <li>• <a href="#">MBA Learning Center</a> - Canvas</li> <li>• <a href="#">KY Business &amp; Marketing Educators</a></li> <li>• <a href="#">Business/Careers/Media Arts</a> FCPS MS Shared Drive</li> </ul> |  |  | <b>CTSOs:</b> <ul style="list-style-type: none"> <li>• <a href="#">National Future Business Leaders of America</a></li> <li>• <a href="#">Kentucky Business Leaders of America</a> (FBLA)</li> <li>• <a href="#">National DECA</a>      <a href="#">Kentucky DECA</a></li> </ul> <b>PLC Network</b> <ul style="list-style-type: none"> <li>• <a href="#">FCPS CTE TEACHERS   MS Business   Microsoft Teams</a></li> <li>• <a href="#">Business and Marketing PLC Page</a></li> </ul> <b>High School Pathways</b> <ul style="list-style-type: none"> <li>• <a href="#">*FCPS CTE - Business &amp; Marketing Program Area Scope &amp; Sequence</a></li> </ul> |  |                                      |

| Computer Science   |  |
|--|--|
| <b>Computer Science 219918</b><br>Should we use code.org?<br><a href="#">Computer Science for Innovators and Makers Instructional Framework - DRAFT 23-24</a>  |  |
| Syllabus   |  |
| LMS* 7th Feral<br>JCMS 7th Evans - code.org  |  |
| <b>Resources:</b> <ul style="list-style-type: none"> <li>• <a href="#">Middle School (6-8) Computer Science Standards</a></li> <li>• <a href="#">Kentucky Academic Standards for Technology Grades K-12</a></li> </ul> | <b>PLC Network</b> <ul style="list-style-type: none"> <li>• <a href="#">FCPS CTE TEACHERS   MS Computer Sci   Microsoft Teams</a></li> <li>• <a href="#">Computer Science PLC Page</a></li> </ul> <b>High School Pathways</b> <ul style="list-style-type: none"> <li>• <a href="#">*FCPS CTE - Computer Science Program Area Scope and Sequence</a></li> </ul> |

| Media Arts  |                         |  |
|---|-------------------------|--|
| Graphic Arts 500615 6th<br><a href="#">FCPS MS Media Arts Course Frameworks (6th, 7th, 8th)</a>   | Graphic Arts 500615 7th | Graphic Arts 500615 8th  |
| Syllabus  | Syllabus                | Syllabus   |
| CMS 6TH, 7TH, 8TH - Jeremy McGuire  |                         |  |
| <b>Resources:</b> <ul style="list-style-type: none"> <li>• <a href="#">Standards for Media Arts Middle School - Alignment worksheet</a></li> <li>• <a href="#">Media Arts - Kentucky Department of Education</a></li> <li>• <a href="#">Adobe: Photoshop</a></li> <li>• <a href="#">Business/Careers/Media Arts</a> FCPS MS Shared Drive</li> </ul> |                         | <b>CTSOs:</b> <ul style="list-style-type: none"> <li>• <a href="#">National Technology Student Association (TSA)</a></li> <li>• <a href="#">Kentucky Technology Student Association (TSA)</a></li> </ul> <b>PLC Network</b> <ul style="list-style-type: none"> <li>• <a href="#">FCPS CTE TEACHERS   MS Media Arts   Microsoft Teams</a></li> <li>• <a href="#">Media Arts PLC Page</a></li> </ul> <b>High School Pathway</b> <ul style="list-style-type: none"> <li>• <a href="#">*FCPS CTE - Media Arts Program Area Scope and Sequence</a></li> </ul> |

| Family and Consumer Science  |   |  |  |                 |
|--|---|--|--|-----------------|
| <a href="#">Introductory FACS Essentials 200110 6th Grade Instructional Framework</a>  | <a href="#">Introductory FACS Essentials 200111 7th Grade Instructional Framework</a> | <a href="#">Introductory FACS Essentials 8th Grade 200112 Instructional Framework</a>  | FACS 8th 200113 (HS Credit) CTE-FACS Essentials 22-23 Unit Framework | PLVS 320101     |
| Syllabus   | Syllabus  | Syllabus   | <a href="#">FCS Essentials Syllabus Template</a>                     | Syllabus        |
| BMS - A Sullinger  | BMS - A Sullinger   | BMS - A Sullinger  | BMS - A Sullinger  |                 |
| BSMS - L Winburn   | BSMS - L Winburn  | BSMS - L Winburn   |  | EJMS - T Grisby |
| JCMS - L Moffett   | JCMS - K Hilbert  | JCMS - Moffett & Hilbert   |  |                 |
| LMS - J Searcy   | LMS - J Searcy  | LMS - J Searcy   |  |                 |
| MMS - K Owens  | MMS - K Owens   | MMS - K Owens  |  |                 |
| SMS - R Jackson  | SMS - R Jackson   | SMS - R Jackson  |  |                 |
| <b>Resources:</b> <ul style="list-style-type: none"> <li>• <a href="#">Family and Consumer Sciences Education Standards for Middle School</a></li> <li>• <a href="#">KDE Resources &amp; KENTUCKY FCS RESOURCES</a></li> <li>• <a href="#">FCS Resources Shared Drive</a> (FCPS)</li> <li>• <a href="#">MS Family Consumer Science</a> FCPS MS Shared Drive</li> </ul> |   | <b>CTSOs:</b> <ul style="list-style-type: none"> <li>• <a href="#">National Family, Career and Community Leaders of America</a></li> <li>• <a href="#">Kentucky Family, Career and Community Leaders of America</a></li> </ul> <b>PLC Network</b> <ul style="list-style-type: none"> <li>• <a href="#">FCPS CTE TEACHERS   MS FCS   Microsoft Teams</a></li> <li>• <a href="#">Family Consumer Science PLC Page</a></li> </ul> <b>High School Pathways</b> <ul style="list-style-type: none"> <li>• <a href="#">*FCPS CTE - Family Consumer Science Program Area Scope and Sequence</a></li> </ul> |  |                 |

| Health Science   |   |   |  |   |  |
|--|---|---|--|---|--|
| <a href="#">6th grade Health Instructional Framework</a> 340136  | 7th grade Health - Instructional Framework 340137 | <a href="#">7th grade Medical Detectives</a> Instructional Framework 219916 | <a href="#">8th grade Health Instructional Framework</a> 340138  | 8th Grade Health Education I 340133 (HS Credit) | <a href="#">8th grade First Aid/CPR Instructional Framework</a> 340138 |
| <a href="#">6th grade Health 23.24 Syllabus</a>  | Syllabus  | <a href="#">7th grade Medical Detectives Syllabus</a>                       | <a href="#">8th grade Health Syllabus</a>  | Syllabus  | <a href="#">8th grade First Aid/CPR Syllabus</a>                       |
| SMS - C Cannon   | SMS - C Cannon                                    | SMS - C Cannon  |  |   | SMS - C Cannon   |
| <b>Resources:</b> <ul style="list-style-type: none"> <li>• <a href="#">Health Science Education Standards for Middle School</a></li> <li>• <a href="#">Health Science Resources Shared Drive</a></li> <li>• <a href="#">Health Science FCPS MS Shared Drive</a></li> </ul> |   |   | <b>CTSOs:</b> <ul style="list-style-type: none"> <li>• <a href="#">HOSA</a>      <a href="#">Kentucky HOSA</a></li> </ul> <b>PLC Network</b> <ul style="list-style-type: none"> <li>• <a href="#">FCPS CTE TEACHERS   MS FCS   Microsoft Teams</a></li> <li>• <a href="#">Health Science PLC Page</a></li> </ul> <b>High School Pathway</b> <ul style="list-style-type: none"> <li>• <a href="#">*FCPS CTE - Health Science Program Area Scope and Sequence</a></li> </ul> |   |  |

| Engineering/STEM Not PLTW  |  |  |                                   |
|--|--|--|-----------------------------------|
| <b>Science of Technology 219911</b>  | <b>Middle School STEM 300190</b><br>AKA Pre Engineering (EJMS & SMS)                               | <b>Engineering 1 210221 (HS Credit)</b><br><a href="#">FCPS Engineering 1&amp;2 Instructional Framework</a>  | <b>302616 Forensics (Not CTE)</b> |
| Syllabus   | Syllabus   | Syllabus   | Syllabus                          |
| TCMS - M McKnight  | EJMS 6TH & 7TH - A Hardin<br>LMS 6TH - C Johnson<br>SMS 7TH & 8TH - S Davis<br>WMS 8TH - S Frazier | BMS 8TH - R Randall  | EJMS 8TH - M Miller               |
| <b>Resources:</b> <ul style="list-style-type: none"> <li>• <a href="#">Engineering Education Standards for Middle School</a></li> <li>• <a href="#">Kentucky Academic Standards Computer Science</a></li> <li>• <a href="#">Engineering Technology Resources Shared Drive</a></li> <li>• <a href="#">Engineering Technology Education</a></li> <li>• <a href="#">Mark's Google Classroom</a> 7th and 8th EbD Curriculum</li> </ul> |  | <b>CTSOs</b> <ul style="list-style-type: none"> <li>• <a href="#">National Technology Student Association (TSA)</a></li> <li>• <a href="#">Kentucky Technology Student Association (TSA)</a></li> </ul> <b>PLC Network</b> <ul style="list-style-type: none"> <li>• <a href="#">FCPS CTE TEACHERS   MS Engineering STEM   Microsoft Teams</a></li> <li>• <a href="#">Engineering PLC Page</a></li> </ul> <b>High School Pathways</b> <ul style="list-style-type: none"> <li>• <a href="#">*FCPS CTE - Engineering Program Area Scope and Sequence</a></li> </ul> |                                   |

**Engineering/STEM PLTW\***

|  |  |  |   |   |   |  |   |   |
|--|--|--|---|---|---|--|---|---|
| <p><b>Exploring Technology 210127</b><br/> <a href="#">Exploring Technology 210127</a><br/> <a href="#">Instructional Framework</a><br/> <br/> <a href="#">18 week</a></p> | <p><b>Design and Modeling 219909</b><br/> <a href="#">Design and Modeling 219909</a><br/> <a href="#">Instructional Framework</a><br/> <br/> <a href="#">18 week</a></p> | <p><b>Automation and Robotics 219910</b><br/> <a href="#">Automation and Robotics 219910</a><br/> <a href="#">Instructional Framework</a><br/> <br/> <a href="#">18 week</a></p> | <p><b>Invention and Innovation 210101</b><br/> <a href="#">Invention and Innovation 210101</a><br/> <a href="#">Instructional Framework</a></p> | <p><b>Flight and Space 219912</b><br/> <a href="#">Flight and Space 219912</a><br/> <a href="#">Instructional Framework</a></p> | <p><b>Energy and the Environment 219914</b><br/> <a href="#">Energy and the Environment 219914</a><br/> <a href="#">Instructional Framework</a></p> | <p><b>Green Architecture 219915</b><br/> <a href="#">Green Architecture 219915</a><br/> <a href="#">Instructional Framework</a><br/> <br/> <a href="#">18 week</a></p> | <p><b>Magic of Electrons 219913</b><br/> <a href="#">Magic of Electrons 219913</a><br/> <a href="#">Instructional Framework</a></p> | <p><b>App Creators 219918</b><br/> <a href="#">App Creators 219918</a><br/> <a href="#">Instructional Framework</a></p> |
| <p><a href="#">Exploring Technology Syllabus</a></p>   | Syllabus   | <p><a href="#">Automation and Robotics Syllabus</a><br/> <br/> <a href="#">18 Week</a></p>   | Syllabus  | Syllabus  | Syllabus  | Syllabus   | Syllabus  | Syllabus  |
| BMS  | BMS 7TH  | BMS 8TH  | BMS 8TH   |   | BMS 7TH*  |  |   | MMS*  |
| BSMS 6/7   | BSMS 6TH   | BSMS 8TH   |   |   |   |  |   |   |
| EJMS   | EJMS 7TH   | EJMS 8TH   |   | EJMS 8TH*   |   |  |   |   |
|  | JCMS 8TH   | JCMS 7/8   |   |   |   |  |   |   |
| LMS*   | LMS 7TH*   | LMS 8TH  | LMS*  |   |   |  |   |   |
| LTMS*  | LTMS 7/8   | LTMS 8TH*  |   |   |   |  |   |   |
| MMS  | MMS 7TH  |  |   |   | MMS 7/8*  | MMS 8TH*   |   |   |
| TCMS   |  |  |   | TCMS*   |   | TCMS*  | TCMS*   |   |
| WMS  | WMS 6TH*   | WMS 8TH*   |   | WMS 7TH*  |   |  |   |   |

- Resources:**
- [Engineering Education Standards for Middle School](#)
  - [Kentucky Academic Standards Computer Science](#)
  - [Engineering Technology Resources Shared Drive](#)
  - [Engineering Technology Education](#)
  - [Mark's Google Classroom](#) 7th and 8th EbD Curriculum

- CTSOs**
- [National Technology Student Association \(TSA\)](#)
  - [Kentucky Technology Student Association \(TSA\)](#)
- PLC Network**
- [FCPS CTE TEACHERS | MS Engineering STEM | Microsoft Teams](#)
  - [Engineering PLC Page](#)
- High School Pathways**
- [\\*FCPS CTE - Engineering Program Area Scope and Sequence](#)