### MCPS Course Offerings: 2022-2023

**Grade Levels:**

- **8th Grade:** 75 Electives
- **9th Grade:** MCA, POS, and Options
- **10th Grade:** MCA, POS, and Options
- **11th Grade:** MCA, POS, and Options

### Course Offerings

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>1st Semester</th>
<th>2nd Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>8th Grade</strong></td>
<td>75 Electives</td>
<td>75 Electives</td>
</tr>
<tr>
<td><strong>9th Grade</strong></td>
<td>MCA, POS, Options</td>
<td>MCA, POS, Options</td>
</tr>
<tr>
<td><strong>10th Grade</strong></td>
<td>MCA, POS, Options</td>
<td>MCA, POS, Options</td>
</tr>
<tr>
<td><strong>11th Grade</strong></td>
<td>MCA, POS, Options</td>
<td>MCA, POS, Options</td>
</tr>
</tbody>
</table>

### Course Descriptions

#### MCA (Mathematics, Computer, and Applications)

- **1st Semester:**
  - **8th Grade:** MCA, POS, and Options (4 electives)
  - **9th Grade:** MCA, POS, and Options (4 electives)
  - **10th Grade:** MCA, POS, and Options (4 electives)
  - **11th Grade:** MCA, POS, and Options (4 electives)

- **2nd Semester:**
  - **8th Grade:** MCA, POS, and Options (4 electives)
  - **9th Grade:** MCA, POS, and Options (4 electives)
  - **10th Grade:** MCA, POS, and Options (4 electives)
  - **11th Grade:** MCA, POS, and Options (4 electives)

#### POS (Personal, Other, and Special)

- **8th Grade:** POS, MCA, and Options (4 electives)
- **9th Grade:** POS, MCA, and Options (4 electives)
- **10th Grade:** POS, MCA, and Options (4 electives)
- **11th Grade:** POS, MCA, and Options (4 electives)

### Course Requirements

- **8th Grade:** 75 Electives
- **9th Grade:** MCA, POS, and Options
- **10th Grade:** MCA, POS, and Options
- **11th Grade:** MCA, POS, and Options

### Course Offerings

- **8th Grade:** 75 Electives
- **9th Grade:** MCA, POS, and Options
- **10th Grade:** MCA, POS, and Options
- **11th Grade:** MCA, POS, and Options

### Course Descriptions

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>1st Semester</th>
<th>2nd Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>8th Grade</strong></td>
<td>75 Electives</td>
<td>75 Electives</td>
</tr>
<tr>
<td><strong>9th Grade</strong></td>
<td>MCA, POS, Options</td>
<td>MCA, POS, Options</td>
</tr>
<tr>
<td><strong>10th Grade</strong></td>
<td>MCA, POS, Options</td>
<td>MCA, POS, Options</td>
</tr>
<tr>
<td><strong>11th Grade</strong></td>
<td>MCA, POS, Options</td>
<td>MCA, POS, Options</td>
</tr>
</tbody>
</table>

### Course Requirements

- **8th Grade:** 75 Electives
- **9th Grade:** MCA, POS, and Options
- **10th Grade:** MCA, POS, and Options
- **11th Grade:** MCA, POS, and Options

### Course Offerings

- **8th Grade:** 75 Electives
- **9th Grade:** MCA, POS, and Options
- **10th Grade:** MCA, POS, and Options
- **11th Grade:** MCA, POS, and Options

### Course Descriptions

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>1st Semester</th>
<th>2nd Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>8th Grade</strong></td>
<td>75 Electives</td>
<td>75 Electives</td>
</tr>
<tr>
<td><strong>9th Grade</strong></td>
<td>MCA, POS, Options</td>
<td>MCA, POS, Options</td>
</tr>
<tr>
<td><strong>10th Grade</strong></td>
<td>MCA, POS, Options</td>
<td>MCA, POS, Options</td>
</tr>
<tr>
<td><strong>11th Grade</strong></td>
<td>MCA, POS, Options</td>
<td>MCA, POS, Options</td>
</tr>
</tbody>
</table>

### Course Requirements

- **8th Grade:** 75 Electives
- **9th Grade:** MCA, POS, and Options
- **10th Grade:** MCA, POS, and Options
- **11th Grade:** MCA, POS, and Options

### Course Offerings

- **8th Grade:** 75 Electives
- **9th Grade:** MCA, POS, and Options
- **10th Grade:** MCA, POS, and Options
- **11th Grade:** MCA, POS, and Options

### Course Descriptions

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>1st Semester</th>
<th>2nd Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>8th Grade</strong></td>
<td>75 Electives</td>
<td>75 Electives</td>
</tr>
<tr>
<td><strong>9th Grade</strong></td>
<td>MCA, POS, Options</td>
<td>MCA, POS, Options</td>
</tr>
<tr>
<td><strong>10th Grade</strong></td>
<td>MCA, POS, Options</td>
<td>MCA, POS, Options</td>
</tr>
<tr>
<td><strong>11th Grade</strong></td>
<td>MCA, POS, Options</td>
<td>MCA, POS, Options</td>
</tr>
</tbody>
</table>