Welcome to the Iowa City Community School District!

We are child-centered and future-focused.
We believe each child is unique and it is our responsibility to provide the best education possible in an environment that is challenging, yet caring and inviting.
School Expectations

North Central students are to be:
✓ Be RESPECTFUL to others,
✓ Be RESPONSIBLE for self,
✓ Be READY to learn, lead and succeed.

North Central Junior High School
180 E. Forevergreen Road
North Liberty, IA 52317
Phone: 319-688-1210
Fax: 319-688-1219
Website: www.iowacityschools.org/NorthCentralJH

Colby Miller - Principal
Karrie Merriweather - Assistant Principal
Bryan Clark and Tonya McDonough - Counselors

Expectations of All Northwest Students:
✓ Safe: Act calmly; avoid actions which would harm yourself, others or property; keep hands, body and objects to self.
✓ Responsible: Be accountable for your words and actions; follow adult directions the first time.
✓ Respectful: Show consideration in words and actions to all; use polite language and appropriate tone and volume.

Northwest Junior High
1507 8th St, Coralville, IA 52241-1746
Phone: 319-688-1060
Fax: 319-688-1069
Website: www.iowacityschools.org/NorthwestJH

Elizabeth Bruening - Principal
Mitch Gross - Assistant Principal
Michele Sadler and Jacob Adams - Counselors

All South East Students are expected to follow the SOAR code of behavior:
✓ Self-Discipline: Knowing what is right and doing it.
✓ Ownership: Taking responsibility for your actions and your learning.
✓ Achievement: Doing your best at everything you do.
✓ Respect: Showing care and consideration in your treatment of self, property, and others.

South East Junior High School
2501 Bradford Dr. Iowa City, IA 52240
Phone: 319-688-1070
Fax: 319-688-1079
Website: www.iowacityschools.org/SouthEastJH

Michelle Cook - Principal
Emily Dvorak - Assistant Principal
Brian Ingram and Hanna Collins - Counselors
# TABLE OF CONTENTS

General Information ........................................................................................................5

7th Grade Sample Schedule ..........................................................................................6

8th Grade Sample Schedule ..........................................................................................7

Schedule Worksheets ...................................................................................................8-9

Math Paths ....................................................................................................................10

Courses .........................................................................................................................11
General Information
This registration booklet contains the course descriptions for all courses offered at ICCSD Junior High Schools. When selecting a course, please make sure that the course is open to students in your grade and that you have met the prerequisites for the course (if any.) Individual course request forms for your grade will be handed out separately. Parents who wish to discuss their child’s pro-gram of studies are invited and encouraged to contact the counselor(s). at your child’s school. Students taking the minimum required courses will average one study hall one day and two study halls the next day. This is due to physical education’s every-other-day meeting pattern. The school day consists of eight class periods. Students are assigned to study hall when not in a class.

Due to staffing and class size constraints, requests to change elective courses may not be honored after registration. Please choose your courses carefully. Schedule changes must be completed within the first 5 days of a trimester. Parent signature is required for all schedule changes on the schedule change form obtained in the counseling office. Students receiving incompletes have ten school days following distribution of report cards to complete the course requirements.

7th Grade Course Enrollment Requirements

<table>
<thead>
<tr>
<th>FULL YEAR</th>
<th>TRIMESTER</th>
<th>ELECTIVES*</th>
<th>TRIMESTER-LONG ELECTIVES*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Science Issues and Applications 1</td>
<td>Art</td>
<td>Choir 7 Choir 8 (alternating days at SE, every day at NW and NC)</td>
<td>Computer Essentials Keyboarding (alternating days)</td>
</tr>
<tr>
<td>Global Studies</td>
<td>Family Consumer Science I</td>
<td>Concert Band</td>
<td></td>
</tr>
<tr>
<td>Language Arts</td>
<td>Personal Development 7</td>
<td>Concert Orchestra</td>
<td></td>
</tr>
<tr>
<td>Literacy 7/7E</td>
<td>Music Technology**</td>
<td>AVID (Northwest)</td>
<td></td>
</tr>
<tr>
<td>Mathematics</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Physical Education (alternating days)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**SEVENTH GRADE ELECTIVES**
All 7th grade electives are yearlong electives. You may choose a maximum of three elective courses. You may also opt not to take any elective courses. 7th graders with full schedules will be assigned one or more of the following required exploratory classes in 8th grade: Family Consumer Science, Art, or Music Technology. **The Music Technology requirement may be satisfied by participating in one year of performance music.

8th Grade Course Enrollment Requirements

<table>
<thead>
<tr>
<th>FULL YEAR</th>
<th>TRIMESTER</th>
<th>YEAR-LONG ELECTIVES*</th>
<th>TRIMESTER-LONG ELECTIVES*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Science Issues and Applications 2</td>
<td>Applied Technology</td>
<td>French I</td>
<td>StudioArt (may be repeated)</td>
</tr>
<tr>
<td>American Studies</td>
<td>Personal Development 8</td>
<td>Spanish I</td>
<td>Computer Applications (NW only)</td>
</tr>
<tr>
<td>Language Arts 8</td>
<td></td>
<td>Choir 8 (alternating days at SE, every day at NW and NC)</td>
<td>Industrial Technology I and II</td>
</tr>
<tr>
<td>Mathematics</td>
<td></td>
<td>Symphony Band</td>
<td>Family Consumer Science II</td>
</tr>
<tr>
<td>Physical Education (alternating days)</td>
<td></td>
<td>Symphony Orchestra</td>
<td>Rock Band</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Earth and Space Science</td>
<td>Computer Essentials/Keyboarding (alternating days) (SE &amp; NW only)</td>
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<td></td>
<td></td>
<td>Seminar (alternating days)</td>
<td>Intro to Computer Science (SE &amp; NW only)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>AVID (Northwest)</td>
<td>Food for Fitness</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Clothing and Sewing</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Fitness and Wellness (SE Only)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Writers’ Workshop</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Drama (NW &amp; SE Only)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Volunteer (NW &amp; SE Only)</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Book Club (NC &amp; NW Only)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Video Production (alternating days @ NW, every day @ SE)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Leadership (NW &amp; SE only)</td>
</tr>
</tbody>
</table>

**EIGHTH GRADE ELECTIVES**
Eighth graders must enroll in a minimum of four trimesters of electives up to a maximum of seven trimesters of electives.
# 7th Grade Sample Schedule

### Student with no electives (support classes could take the place of study halls or electives)

<table>
<thead>
<tr>
<th>Period</th>
<th>First Trimester</th>
<th>Second Trimester</th>
<th>Third Trimester</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Science Issues and Applications 1</td>
<td>Science Issues and Applications 1</td>
<td>Science Issues and Applications 1</td>
</tr>
<tr>
<td>2</td>
<td>Global Studies</td>
<td>Global Studies</td>
<td>Global Studies</td>
</tr>
<tr>
<td>3</td>
<td>Language Arts 7</td>
<td>Language Arts 7</td>
<td>Language Arts 7</td>
</tr>
<tr>
<td>4</td>
<td>Math</td>
<td>Math</td>
<td>Math</td>
</tr>
<tr>
<td>5</td>
<td>Literacy</td>
<td>Literacy</td>
<td>Literacy</td>
</tr>
<tr>
<td>6</td>
<td>PE</td>
<td>Study Hall or Keyboarding</td>
<td>PE</td>
</tr>
<tr>
<td>7</td>
<td>Family Consumer Science I</td>
<td>Personal Development 7</td>
<td>Music Technology</td>
</tr>
<tr>
<td>8</td>
<td>Art</td>
<td>Study Hall</td>
<td>Study Hall</td>
</tr>
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</table>

### Student with a performing arts elective

<table>
<thead>
<tr>
<th>Period</th>
<th>First Trimester</th>
<th>Second Trimester</th>
<th>Third Trimester</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Science Issues and Applications 1</td>
<td>Science Issues and Applications 1</td>
<td>Science Issues and Applications 1</td>
</tr>
<tr>
<td>2</td>
<td>Global Studies</td>
<td>Global Studies</td>
<td>Global Studies</td>
</tr>
<tr>
<td>3</td>
<td>Language Arts 7</td>
<td>Language Arts 7</td>
<td>Language Arts 7</td>
</tr>
<tr>
<td>4</td>
<td>Math</td>
<td>Math</td>
<td>Math</td>
</tr>
<tr>
<td>5</td>
<td>Literacy</td>
<td>Literacy</td>
<td>Literacy</td>
</tr>
<tr>
<td>6</td>
<td>PE</td>
<td>Study Hall or Keyboarding</td>
<td>PE</td>
</tr>
<tr>
<td>7</td>
<td>Performing Arts</td>
<td>Performing Arts</td>
<td>Performing Arts</td>
</tr>
<tr>
<td>8</td>
<td>Art</td>
<td>Family Consumer Science</td>
<td>Personal Development 7</td>
</tr>
</tbody>
</table>

### Student with two performing arts electives

<table>
<thead>
<tr>
<th>Period</th>
<th>First Trimester</th>
<th>Second Trimester</th>
<th>Third Trimester</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Science Issues and Applications 1</td>
<td>Science Issues and Applications 1</td>
<td>Science Issues and Applications 1</td>
</tr>
<tr>
<td>2</td>
<td>Global Studies</td>
<td>Global Studies</td>
<td>Global Studies</td>
</tr>
<tr>
<td>3</td>
<td>Language Arts 7</td>
<td>Language Arts 7</td>
<td>Language Arts 7</td>
</tr>
<tr>
<td>4</td>
<td>Math</td>
<td>Math</td>
<td>Math</td>
</tr>
<tr>
<td>5</td>
<td>Literacy</td>
<td>Literacy</td>
<td>Literacy</td>
</tr>
<tr>
<td>6</td>
<td>PE</td>
<td>Performing Arts</td>
<td>PE</td>
</tr>
<tr>
<td>7</td>
<td>Art</td>
<td>Personal Development 7</td>
<td>Family Consumer Science</td>
</tr>
<tr>
<td>8</td>
<td>Performing Arts</td>
<td>Performing Arts</td>
<td>Performing Arts</td>
</tr>
</tbody>
</table>

### Student with three performing arts electives

<table>
<thead>
<tr>
<th>Period</th>
<th>First Trimester</th>
<th>Second Trimester</th>
<th>Third Trimester</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Science Issues and Applications 1</td>
<td>Science Issues and Applications 1</td>
<td>Science Issues and Applications 1</td>
</tr>
<tr>
<td>2</td>
<td>Global Studies</td>
<td>Global Studies</td>
<td>Global Studies</td>
</tr>
<tr>
<td>3</td>
<td>Language Arts 7</td>
<td>Language Arts 7</td>
<td>Language Arts 7</td>
</tr>
<tr>
<td>4</td>
<td>Math</td>
<td>Math</td>
<td>Math</td>
</tr>
<tr>
<td>5</td>
<td>Literacy</td>
<td>Literacy</td>
<td>Literacy</td>
</tr>
<tr>
<td>6</td>
<td>PE</td>
<td>Performing Arts</td>
<td>PE</td>
</tr>
<tr>
<td>7</td>
<td>Art</td>
<td>Personal Development 7</td>
<td>Family Consumer Science</td>
</tr>
<tr>
<td>8</td>
<td>Performing Arts/Performing Arts</td>
<td>Performing Arts/Performing Arts</td>
<td>Performing Arts/Performing Arts</td>
</tr>
</tbody>
</table>
## 8th Grade Sample Schedule

### Student with no year-long electives (support classes could take the place of study halls or electives)

<table>
<thead>
<tr>
<th>Period</th>
<th>First Trimester</th>
<th>Second Trimester</th>
<th>Third Trimester</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>American Studies</td>
<td>American Studies</td>
<td>American Studies</td>
</tr>
<tr>
<td>2</td>
<td>Language Arts</td>
<td>Language Arts</td>
<td>Language Arts</td>
</tr>
<tr>
<td>3</td>
<td>Math</td>
<td>Math</td>
<td>Math</td>
</tr>
<tr>
<td>4</td>
<td>Science Issues and Applications 2</td>
<td>Science Issues and Applications 2</td>
<td>Science Issues and Applications 2</td>
</tr>
<tr>
<td>5</td>
<td>PE</td>
<td>Elective or Study Hall</td>
<td>PE</td>
</tr>
<tr>
<td>6</td>
<td>Applied Technology</td>
<td>Personal Development 8</td>
<td>Elective</td>
</tr>
<tr>
<td>7</td>
<td>Elective</td>
<td>Elective</td>
<td>Elective</td>
</tr>
<tr>
<td>8</td>
<td>Elective or Study Hall</td>
<td>Elective or Study Hall</td>
<td>Elective or Study Hall</td>
</tr>
</tbody>
</table>

### Student taking one performing arts elective OR a world language

<table>
<thead>
<tr>
<th>Period</th>
<th>First Trimester</th>
<th>Second Trimester</th>
<th>Third Trimester</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>American Studies</td>
<td>American Studies</td>
<td>American Studies</td>
</tr>
<tr>
<td>2</td>
<td>Language Arts</td>
<td>Language Arts</td>
<td>Language Arts</td>
</tr>
<tr>
<td>3</td>
<td>Math</td>
<td>Math</td>
<td>Math</td>
</tr>
<tr>
<td>4</td>
<td>Science Issues and Applications 2</td>
<td>Science Issues and Applications 2</td>
<td>Science Issues and Applications 2</td>
</tr>
<tr>
<td>5</td>
<td>PE</td>
<td>Elective or Study Hall</td>
<td>PE</td>
</tr>
<tr>
<td>6</td>
<td>Applied Technology</td>
<td>Performing Arts or World Language</td>
<td>Elective</td>
</tr>
<tr>
<td>7</td>
<td>Performing Arts or World Language</td>
<td>Elective or Study Hall</td>
<td>Elective or Study Hall</td>
</tr>
<tr>
<td>8</td>
<td>Elective or Study Hall</td>
<td>Elective or Study Hall</td>
<td>Elective or Study Hall</td>
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</table>

### Student taking a world language elective AND a performing arts elective

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<thead>
<tr>
<th>Period</th>
<th>First Trimester</th>
<th>Second Trimester</th>
<th>Third Trimester</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>American Studies</td>
<td>American Studies</td>
<td>American Studies</td>
</tr>
<tr>
<td>2</td>
<td>Language Arts</td>
<td>Language Arts</td>
<td>Language Arts</td>
</tr>
<tr>
<td>3</td>
<td>Math</td>
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<td>Science Issues and Applications 2</td>
<td>Science Issues and Applications 2</td>
</tr>
<tr>
<td>5</td>
<td>PE</td>
<td>Elective or Study Hall</td>
<td>PE</td>
</tr>
<tr>
<td>6</td>
<td>Applied Technology</td>
<td>Personal Development 8</td>
<td>Elective</td>
</tr>
<tr>
<td>7</td>
<td>World Language</td>
<td>World Language</td>
<td>World Language</td>
</tr>
<tr>
<td>8</td>
<td>Performing Arts</td>
<td>Performing Arts</td>
<td>Performing Arts</td>
</tr>
</tbody>
</table>

### Student taking a world language elective and two performing arts electives

<table>
<thead>
<tr>
<th>Period</th>
<th>First Trimester</th>
<th>Second Trimester</th>
<th>Third Trimester</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>American Studies</td>
<td>American Studies</td>
<td>American Studies</td>
</tr>
<tr>
<td>2</td>
<td>Language Arts</td>
<td>Language Arts</td>
<td>Language Arts</td>
</tr>
<tr>
<td>3</td>
<td>Math</td>
<td>Math</td>
<td>Math</td>
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<tr>
<td>4</td>
<td>Science Issues and Applications 2</td>
<td>Science Issues and Applications 2</td>
<td>Science Issues and Applications 2</td>
</tr>
<tr>
<td>5</td>
<td>PE</td>
<td>Performing Arts</td>
<td>PE</td>
</tr>
<tr>
<td>6</td>
<td>Applied Technology</td>
<td>Personal Development 8</td>
<td>Performing Arts</td>
</tr>
<tr>
<td>7</td>
<td>World Language</td>
<td>World Language</td>
<td>World Language</td>
</tr>
<tr>
<td>8</td>
<td>Performing Arts</td>
<td>Performing Arts</td>
<td>Performing Arts</td>
</tr>
</tbody>
</table>
Practice Schedule Worksheets

The following 7th grade schedule is for you to look at possible schedule scenarios
- Remember to add in your required electives of Family Consumer Science I, Art, Personal Development 7, and Music Tech (only if you are not enrolled in a performing arts course.)

### 7th Grade

<table>
<thead>
<tr>
<th>PERIOD</th>
<th>Trimester 1</th>
<th>Trimester 2</th>
<th>Trimester 3</th>
</tr>
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<tbody>
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<td>Science Issues and Applications 1</td>
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<tr>
<td>2</td>
<td>Global Studies</td>
<td>Global Studies</td>
<td>Global Studies</td>
</tr>
<tr>
<td>3</td>
<td>Language Arts 7</td>
<td>Language Arts 7</td>
<td>Language Arts 7</td>
</tr>
<tr>
<td>4</td>
<td>Math</td>
<td>Math</td>
<td>Math</td>
</tr>
<tr>
<td>5</td>
<td>Literacy</td>
<td>Literacy</td>
<td>Literacy</td>
</tr>
<tr>
<td>6</td>
<td>PE</td>
<td>Keyboarding</td>
<td>PE</td>
</tr>
<tr>
<td>7</td>
<td>PE</td>
<td>PE</td>
<td>PE</td>
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</table>

### 7th Grade

<table>
<thead>
<tr>
<th>PERIOD</th>
<th>Trimester 1</th>
<th>Trimester 2</th>
<th>Trimester 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Science Issues and Applications 1</td>
<td>Science Issues and Applications 1</td>
<td>Science Issues and Applications 1</td>
</tr>
<tr>
<td>2</td>
<td>Global Studies</td>
<td>Global Studies</td>
<td>Global Studies</td>
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<tr>
<td>3</td>
<td>Language Arts 7</td>
<td>Language Arts 7</td>
<td>Language Arts 7</td>
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<td>Math</td>
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<td>6</td>
<td>PE</td>
<td>Keyboarding</td>
<td>PE</td>
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<tr>
<td>7</td>
<td>PE</td>
<td>PE</td>
<td>PE</td>
</tr>
</tbody>
</table>

8
Practice Schedule Worksheets

The following 8th grade schedule is for you to look at possible schedule scenarios

- Fill your schedule with as many electives as possible because we cannot guarantee all classes will be available in the fall.

### 8th Grade

<table>
<thead>
<tr>
<th>PERIOD</th>
<th>Trimester 1</th>
<th>Trimester 2</th>
<th>Trimester 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>American Studies</td>
<td>American Studies</td>
<td>American Studies</td>
</tr>
<tr>
<td>2</td>
<td>Language Arts</td>
<td>Language Arts</td>
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</tr>
<tr>
<td>3</td>
<td>Math</td>
<td>Math</td>
<td>Math</td>
</tr>
<tr>
<td>4</td>
<td>Science Issues and Applications 2</td>
<td>Science Issues and Applications 2</td>
<td>Science Issues and Applications 2</td>
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<td>5</td>
<td>PE</td>
<td>PE</td>
<td>PE</td>
</tr>
<tr>
<td>6</td>
<td>Applied Technology</td>
<td>Personal Development 8</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
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ICCSD Mathematics Paths in Grades 7-12

<table>
<thead>
<tr>
<th>Grade</th>
<th>accelerated sequence</th>
<th>regularly-paced sequences</th>
<th>slower-paced sequences</th>
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</thead>
<tbody>
<tr>
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<td>Algebra I</td>
<td>Math 7</td>
<td>Math 7</td>
</tr>
<tr>
<td>8</td>
<td>Geometry Honors</td>
<td>Algebra I</td>
<td>Pre-algebra</td>
</tr>
<tr>
<td>9</td>
<td>Algebra II Honors</td>
<td>Algebra I</td>
<td>Pre-algebra</td>
</tr>
<tr>
<td>10</td>
<td>Pre-calculus Honors</td>
<td>Geometry</td>
<td>Algebra IB</td>
</tr>
<tr>
<td>11</td>
<td>AP Calculus AB or BC</td>
<td>Algebra II</td>
<td>Geometry</td>
</tr>
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<td>12</td>
<td>Post-secondary</td>
<td>Pre-Calculus</td>
<td>Algebra II or Geometry</td>
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Electives:
- AP Statistics
- AP Computer Science
- Art of Math Problem Solving
- Computer Science Principles
- Topics in Math
- Consumer Math

Revised November 2018
**English Language Arts**

**Language Arts 7**
Language Arts 7 supports student growth in the writing process, including prewriting, drafting, reviewing, peer feedback, and editing. Common products include argument essay, personal belief essay, personal narrative, poetry, poetry analysis, a speech, and research writing.

**Category:** Required  
**Grade Level:** 7th  
**Length:** 1 year

**Literacy 7 & 7E**
Literacy 7 and Literacy 7E are courses in which the goal is to help students learn strategies to become engaged, fluent, and competent readers with informational and literary texts that are encountered in the personal and academic lives of students. Literacy 7E is a credit option for students enrolled in Literacy 7. Students are expected to meet higher performance standards. For each major unit, students will work from a list of advanced activities.

**Category:** Required  
**Grade Level:** 7th  
**Length:** 1 year

**Language Arts 8**
Language Arts 8 helps ensure that students become life-long, independent, and interdependent learners who can use language to communicate, to stimulate the imagination, and to construct meaning. A variety of activities help students maintain and strengthen their thinking, speaking, reading, and writing abilities.

**Category:** Required  
**Grade Level:** 8th  
**Length:** 1 year

**Literacy 8**
Literacy 8 is a yearlong course for eighth graders who desire—or were recommended by their teachers for—additional reading support. The goal of the course is to challenge each student at their individual level to increase reading comprehension skills and strategies across the curriculum (including strategies for understanding Social Studies, Science, and Language Arts texts). Students receive instruction and practice on fiction and nonfiction reading strategies, as well as confidence building in testing and other challenging classroom situations.

**Category:** Elective  
**Grade Level:** 8th  
**Length:** 1 year

**Math**

**Math 7**
Math 7 is designed for students with a wide range of mathematical interest and ability. Students will have the opportunity to reason and communicate proficiency in math by solving a variety of problems with real-life applications. Students will demonstrate their understanding of computation, symbol manipulation and the use of mathematical tools, resources and procedures. This course will prepare students for Pre-Algebra 8.

**Category:** Required  
**Grade Level:** 7th  
**Length:** 1 year

**Pre-Algebra**
Pre-Algebra is a course that builds on basic math skills to develop algebra, geometry, and other general mathematics concepts, including measurement and basic algebra with real numbers. It is designed for students who have demonstrated the ability to accurately compute with whole numbers, fractions, and decimals. Students will represent mathematical situations and solve problems using a variety of methods, tools, techniques, and strategies. Pre-Algebra 7 is an accelerated course and will prepare students for Algebra 1 in grade 8. Pre-Algebra 8 will prepare students for Algebra 1 or Algebra 1A in grade 9.

**Category:** Required  
**Grade Level:** 7th & 8th  
**Length:** 1 year

**Algebra I**
Algebra I is the foundation for further study of mathematics. It is the first of three math courses that are required for admission to most four-year colleges, with the other two being Geometry and Algebra 2. Students learn to reason symbolically and graphically. Writing, graphing, and solving linear and quadratic equations are key topics. This course emphasizes reading and problem solving for unknown quantities using visual as well as symbolic representations. This course will prepare students for the study of Geometry or Geometry Honors.

**Category:** Required  
**Grade Level:** 7th (accelerated) & 8th  
**Length:** 1 year

**Geometry Honors**
This course is designed for students in the accelerated mathematics program. Topics are studied with great rigor and at a rapid pace. Geometry is the study of properties of figures in space. It includes right triangle trigonometry, the study of transformations and three-dimensional geometry. Inductive and deductive thinking skills are used in problem solving situations, including applications to the real world. Proof writing is included, as students prove properties of geometric figures, including polygons and circles. This course will prepare students for the study of Algebra 2 Honors.

**Category:** Required  
**Grade Level:** 8th  
**Length:** 1 year

**Science**

**Science Issues and Applications 1**
This course is a survey of general science content. Topics covered included life, physical and earth science concepts. This is the first of two courses designed to offer all students a strong foundation in all the science disciplines. A variety of learning modalities are used in this course to make science accessible to all students. This course addresses the ICCSD standards and benchmarks.

**Category:** Required  
**Grade Level:** 7th  
**Length:** 1 year

**Science Issues and Applications 2**
This course is a survey of general science content. Topics covered included life, physical and earth science concepts. This is the last of two courses designed to offer all students a strong foundation in all the science disciplines. A variety of learning modalities are used in this course to make science accessible to all students. This course addresses the ICCSD standards and benchmarks.

**Category:** Required  
**Grade Level:** 8th  
**Length:** 1 year

**Earth and Space Science**
Earth and Space Science is designed to give students an opportunity to investigate science and its relationship to society and the natural world through laboratories and activities. Emphasis is on the connection of earth and
space science concepts to everyday interests and concerns. Topics of study will include Earth’s Place in the Universe, Earth’s Systems, and Earth and Human Activities. Student will be asked to behave as scientists, to think, ask questions, investigate problems, and design their own experiments.

**GRADE LEVEL:** 8th  
**CATEGORY:** Fulfills High School Science requirement  
**PREREQUISITE:** This course can be taken concurrently with Science and Applications 2 if the student has demonstrated excellence in Science achievement and is planning to enroll in Alg I or Geometry as an eighth grader. If a student’s grade in either science course falls below a B at the end of a trimester, he/she will have to drop the Earth and Space course.  
**LENGTH:** 1 Year

### Social Studies

#### Global Studies

Global Studies is a course, which examines cultures and geographic characteristics of selected world areas emphasizing interdependence, the scarcity of resources, environmental problems, different governments, and cultural diversity. The concept-focused curriculum features inquiry lessons, role playing, simulation activities and skill exercises to achieve the objectives of each unit. A major goal for students in Global Studies is to understand the world as a global system, see themselves as participants in that system, and recognize the benefits, costs, rights and responsibilities inherent in such participation.

**GRADE LEVEL:** 7th  
**CATEGORY:** Required  
**PREREQUISITE:** None  
**LENGTH:** 1 year

#### American Studies

American Studies is designed to provide students with an in depth study of American history from 1600 to 1900. The course focuses on the creation and development of the United States, as well as the diversity of people, events and perspectives that comprise the American experience. American Studies will help students become aware of historical events, people and conditions which impact our lives today. Students are expected to increase their understanding of history and improve their skills in the areas of reading, writing, listening and analysis.

**GRADE LEVEL:** 8th  
**CATEGORY:** Required  
**PREREQUISITE:** None  
**LENGTH:** 1 year

### Physical Education/Health

#### Physical Education

This course is designed to provide each student with the knowledge, concepts and skills needed to engage in a physically active, healthy lifestyle throughout life. Using a wide variety of activities, the major goal of this course is to develop the students’ gross and fine motor coordination through exposure to individual and team activities. Focus also included health related fitness, lifetime physical activity, and health/wellness concepts and skills. Participation in class activities is emphasized to provide a positive experience. This program instills in students the concept that living life actively and dynamically is vital to a healthy lifestyle.

**GRADE LEVEL:** 7th & 8th  
**CATEGORY:** Required  
**PREREQUISITE:** None  
**LENGTH:** 1 year

#### Personal Development 7 and 8

Personal Development is health education. Health education teaches about physical, mental, emotional and social health. It motivates students to improve and maintain their health, prevent disease, and reduce risky behaviors. Health education curricula and instruction help students learn skills they will use to make healthy choices throughout their lifetime.

**GRADE LEVEL:** 7th and 8th  
**CATEGORY:** Required  
**PREREQUISITE:** None  
**LENGTH:** Trimester

### Art

#### Studio Art

This course offers students the opportunity to further explore concepts, media and develop their own styles for making art. Students will spend time creating art, working in groups and researching artists. The emphasis is on hands on production and exploration of uses of media to create art. Students will practice refining of concepts, skills, techniques, and creative expression will be emphasized. Inventive, creative, and experimental solutions will be required to fulfill assignments. This course may be repeated for credit.

**GRADE LEVEL:** 8th  
**CATEGORY:** Elective  
**PREREQUISITE:** Art  
**LENGTH:** Trimester

### Business

#### Computer Essentials Keyboarding

This is an elective course for 7th and 8th graders. Most of the trimester is spent learning fundamentals of the keyboard. Emphasis is placed on developing the touch method of keyboarding and improving speed and accuracy. Time will also be spent on desktop publishing, formatting and coding. This course is every other day.

**GRADE LEVEL:** 7th and 8th  
**CATEGORY:** Elective  
**PREREQUISITE:** None  
**LENGTH:** Trimester

### Family & Consumer Science

#### Family Consumer Science I

Family and Consumer Sciences (FCS I) curriculum provides learning experiences in life and careers, financial literacy and resources, food/nutrition and wellness, workplace safety and sanitation principles, human development, and relationships. We will briefly explore sewing and design technologies for future careers. This class will focus on 21st Century Skills and employability practices.

**GRADE LEVEL:** 7th or 8th  
**CATEGORY:** Required  
**PREREQUISITE:** None  
**LENGTH:** Trimester

#### Family Consumer Science II

In Family and Consumer Sciences (FCS II), emphasis is placed on developing skills to help students become more independent in their future careers and personal environment. Areas of study include: Housing/interior design, consumer awareness/ advertising, sewing and...
design technologies, foods/nutrition, workplace sanitation, safety principles and regulations as related to the hospitality industry. Each area uses hands-on activities to enhance the experience. This class will focus on 21st Century Skills and employability practices.
GRADE LEVEL: 8th
CATEGORY: Elective
PREREQUISITE: Family and Consumer Science I
LENGTH: Trimester

**Industrial Technology I**

Introduction to woodworking, tools, manufacturing, and workplace safety. Students will learn the safe use of power tools and hand tools by building small projects in the workshop.
GRADE LEVEL: 8th
CATEGORY: Elective
PREREQUISITE: None
LENGTH: Trimester

**Industrial Technology II**

Learn more about woodworking, tools, manufacturing, and workplace safety. Students will advance their knowledge and skills in the safe use of power tools and hand tools by building small projects in the workshop.
GRADE LEVEL: 8th
CATEGORY: Elective
PREREQUISITE: None
LENGTH: Trimester

**Food for Fitness**

In Food for Fitness the students will have an opportunity to explore the science behind many food preparation principles, the food production industry, and the structure and function of all of the essential nutrients. They will prepare and learn a variety of food science skills as they apply to food preparation and human nutrition. The students provide workplace sanitation, safety principles and regulations in relation to the hospitality industry. This course is designed for those students interested in pursuing careers in the food service industry.
GRADE LEVEL: 8th
CATEGORY: Elective
PREREQUISITE: Family and Consumer Science I
LENGTH: Trimester

**Clothing and Design**

Students will study clothing and images, color, fashion trends, fabrics, figure types, wardrobe planning and clothes shopping, apparel production. Students will design clothing on fashion flats and learn aspects to becoming a designer. Sewing and design technologies will be taught in this class. This course is recommended for students interested in fashion design or fashion merchandising careers.
GRADE LEVEL: 8th
CATEGORY: Elective
PREREQUISITE: Family and Consumer Science I
LENGTH: Trimester

**Intro to Computer Science**

This one-trimester technology elective aims to excite students about using technology and computer science to solve problems and improve people’s lives in diverse ways. We will be guided by the Iowa Computer Science Standards for grades 6-8. Students will learn to program in more than one language; based on student interest, we will choose from MIT Scratch, MIT App Inventor, Python, C/C++, and JavaScript. Students will learn how images, sound, and other data are represented. Students will improve their cyber hygiene and be introduced to how the Internet works. Students will work creatively in teams to solve problems and for personal expression, creating Android apps, games, interactive web pages, robots, and/or gadgets.
GRADE LEVEL: 7-8
CATEGORY: Elective
PREREQUISITE: None
LENGTH: 1 Trimester

**Symphony Band (8th Grade)**

The band program provides a course of study that will help students to enjoy, appreciate, and perform music that spans a range of styles and historical periods. Symphony Band rehearsals are held each day during regular school hours, and small group lessons are offered on a weekly basis. During the first trimester, band students will spend a portion of their daily rehearsal time learning marching band fundamentals and preparing to perform at a high school football game. The band also presents one formal public concert per trimester and participates in a district wide band festival each spring. These performances provide students with a valuable culminating experience and are a requirement for the course. In the fall students will have the opportunity to audition for a place in the jazz band, which meets outside of the regular school day. During the second and third trimesters, advanced students will also have the option of applying and/or auditioning for various honor bands.
GRADE LEVEL: 8th
CATEGORY: Elective
PREREQUISITE: 7th Grade Band or consent of instructor
LENGTH: 1 year-May be Alternate Days depending on the school

**Concert Band (7th Grade)**

The band program provides a course of study that will help students to enjoy, appreciate, and perform music that spans a range of styles and historical periods. Concert Band rehearsals are held each day during regular school hours, and small group lessons are offered on a weekly basis. The band presents one formal public concert per trimester and participates in a district wide band festival each spring. These performances provide students with a valuable culminating experience and are a requirement for the course. In the fall, students will have the opportunity to audition for a place in the jazz band, which meets outside of the regular school day. During the second and third trimesters, advanced students will also have the option of applying and/or auditioning for various honor bands.
GRADE LEVEL: 7th
CATEGORY: Elective
PREREQUISITE: 5th/6th grade band or consent of instructor
LENGTH: 1 year-May be Alternate Days depending on the school

**Bass Choir 7th/8th Grade**

This course meets the needs of the changing voices of the choral student. Students will study many styles and types of choral music written in two and three parts. Developing singing skills and music fundamentals are an important part of this study. Required public
choral performances given outside the school day are a culmination of this study.

**GRADE LEVEL:** 7th and 8th  
**CATEGORY:** Elective  
**PREREQUISITE:** None  
**LENGTH:** 1 year—May be Alternate Days depending on the school

### Treble Choir (7th Grade)
This course meets the needs of the beginning choral student. Students will study many styles and types of choral music written in two and three parts. Developing singing skills and music fundamentals are an important part of this study. Required public choral performances given outside the school day are a culmination of this study.

**GRADE LEVEL:** 7th  
**CATEGORY:** Elective  
**PREREQUISITE:** None  
**LENGTH:** 1 year—May be Alternate Days depending on the school

### Treble Choir (8th Grade)
This course continues the study of many styles and types of choral music written in three parts. Students will work to improve vocal techniques, sight-reading skills and music fundamentals. Required public choral performances given outside the school day are a culmination of this study.

**GRADE LEVEL:** 8th  
**CATEGORY:** Elective  
**PREREQUISITE:** None  
**LENGTH:** 1 year—May be Alternate Days depending on the school

### Concert Orchestra
The orchestra program provides a course of study that will help students to enjoy, appreciate, and perform music that spans a range of styles and historical periods. Concert Orchestra rehearses daily during the school hours and is comprised of 7th grade students. The ensemble plays fine quality, well-written literature in the appropriate style. Students receive weekly lessons during the school day focused on building their technique. Concert Orchestra students perform several required evening concerts throughout the year and district-wide festivals. During the second and third trimesters, advanced students will also have the option of applying and/or auditioning for various honor orchestras.

**GRADE LEVEL:** 7th or 8th  
**CATEGORY:** Elective  
**PREREQUISITE:** Required  
**LENGTH:** Trimester

### Symphony Orchestra
The orchestra program provides a course of study that will help students to enjoy, appreciate, and perform music that spans a range of styles and historical periods. Symphony Orchestra rehearses daily during the school hours and is comprised of 8th grade students. The ensemble plays fine quality, well-written literature in the appropriate style. Students receive weekly lessons during the school day focused on building their technique. Symphony Orchestra students perform several required evening concerts throughout the year and district-wide festivals. During the second and third trimesters, advanced students will also have the option of applying and/or auditioning for various honor orchestras.

**GRADE LEVEL:** 8th  
**CATEGORY:** Elective  
**PREREQUISITE:** 7th grade orchstra or consent of instructor  
**LENGTH:** 1 year—May be Alternate Days depending on the school

### Music Technology and Electronic Instruments
Music Tech meets every day for one trimester. It is an exploratory course that introduces, reviews or extends learning about the elements of music through activities, the use of technology and “hands-on” experiences on the acoustic guitar, keyboard, electric guitar, electric bass, trap set and voice processor. Students are encouraged to discover what avenue of music may interest them the rest of their life (be it a performer or as a consumer) and to become conscious of the value that music has in their life. This course is required for students not participating in a year-long performance music class or anyone who does not complete the entire year of their performance music class. Also available to any 7th or 8th grader as their schedule allows.

**GRADE LEVEL:** 7th or 8th  
**CATEGORY:** Required  
**PREREQUISITE:** None  
**LENGTH:** Trimester

### Rock Band 101
Students will learn about the development of Rock and Roll through activities, video and audio presentations. “Hands-on” experiences on the acoustic guitar, keyboard, electric guitar, electric bass and trap set will teach, review, or expand student’s knowledge of electronic instruments and prepares them to play in small group rock bands.

**GRADE LEVEL:** 8th  
**CATEGORY:** Elective

### World Languages
#### French 1, Spanish 1
French I or Spanish I provide the basic foundation of language learning in the four main skill areas (reading, writing, speaking and listening). Language is taught through a variety of everyday situations and within the context of the cultures where the language is spoken. Emphasis is on communication using appropriate grammar and vocabulary. Students participate in activities and do daily homework to develop language proficiency.

**GRADE LEVEL:** 8th  
**CATEGORY:** Elective  
**PREREQUISITE:** None  
**LENGTH:** 1 year

### Additional Courses
Some of these Additional Courses may not be available at every school.

#### Seminar
Seminar is an elective course for 8th grade gifted students with high academic abilities and strong motivation. The class is designed for the exchange of ideas in research and discussion formats. Seminar meets throughout the year every other day. Students will work on studies that culminate in individual projects each trimester. Areas of study include Persuasion in Media, Visionary Cities, and Careers – Looking to the Future. Students must meet criteria for the Extended Learning Program and will be informed by letter prior to registration of their eligibility for this elective.

**GRADE LEVEL:** 8th  
**CATEGORY:** Elective  
**PREREQUISITE:** Qualify for Extended Learning Program  
**LENGTH:** 1 year (Alternate Days)

#### Drama Workshop (NW & SE Only)
Students will practice speaking and movement exercises designed to develop skills in voice projection, pronunciation, body movement, delivery, creating characters and skits. The activities may include play reading, rehearsing solo and small group pantomimes, improvisation, role playing and small group scripts. Assignments in the form of informal performance and reading/writing activities help provide an understanding of drama and the theater.

**GRADE LEVEL:** 8th  
**CATEGORY:** Elective
planning of school activities by working on committees. Along with the regular course content, students in this class will be responsible for participating in committees that will plan school activities such as spirit days, parties and special assemblies. This course is every other day.
GRADE LEVEL: 8th
CATEGORY: Elective
PREREQUISITE: None
LENGTH: Trimester-May be Alternate Days depending on the school

Volunteer (NW & SE Only)
The volunteer program will provide the student with training in the concepts of volunteer work. Students will be assigned work sites within the building (frequently in a special education classroom) with a staff supervisor.
GRADE LEVEL: 8th
CATEGORY: Elective
PREREQUISITE: None
LENGTH: Trimester

AVID (Advancement Via Individual Determination) (Northwest only)
AVID, which stands for Advancement Via Individual Determination, is a college readiness program designed to help students develop the skills they need to be successful in college. Students receive the additional academic, social, and emotional support that will help them succeed in their school's most rigorous courses. The program places special emphasis on growing writing, critical thinking, teamwork, organization and reading skills. Students must complete an application to be accepted into this course.
GRADE LEVEL: 7th, 8th
CATEGORY: Elective
PREREQUISITE: None
LENGTH: 1 Year

Leadership (NW & SE Only)
A student interested in learning leadership skills and practicing those skills should take this elective. This class will meet every other day for one trimester and is open to all eighth graders. Leadership is a required course for the President and Vice-President of the Northwest Student Congress and students must take this course if they want to be involved in the

Video Production (NW & SE Only)
Students interested in learning the basics of television production are encouraged to register for this elective. Students in this course are responsible for the planning and production of a daily news program. Video Production will meet every day for one trimester and is open to all eligible eighth-graders. Along with regular class meetings and general course requirements, students will produce the daily announcement show shown every morning.
GRADE LEVEL: 8th
CATEGORY: Elective
PREREQUISITE: None
LENGTH: Trimester

Book Club
Too busy to read? Can’t find time in your busy schedule to enjoy the latest cool books? Then this is the class for you. Read, talk with others, read, do a project, read, book-talk, read, read, read. This class is for anyone who likes to read and reads independently. In addition to reading, students will participate in classroom activities, which may include literature circles, literary letters, book-talks and book projects.
GRADE LEVEL: 8th
CATEGORY: Elective
PREREQUISITE: None
LENGTH: Trimester

CASL (Southeast only)
CASL (Cross-curricular Approach to Student-driven Learning) is a cross-curricular project-based learning environment blending science, social studies and language arts. The 7th grade model includes Language Arts 7, Global Studies and Science 7. The 8th grade model includes Language Arts 8, American Studies and Science 8. CASL incorporates innovative instructional strategies as well as community connections within student projects. In addition, the CASL Program incorporates the 5Cs (communication, critical thinking, connectedness, creation, and collaboration), fostering collaboration at both the student and teacher level. The 7th and 8th grade teacher teams work together closely to provide rich cross-curricular learning opportunities for all students. CASL is a project-based learning initiative that allows students to engage in deep and meaningful learning, moving their knowledge from beyond the individual subject level to life beyond the walls of school.

With both CASL programs, the grade level teacher teams (Science, Social Studies, and Language Arts), work together to determine which standards for each subject area will be evaluated for each project-based learning activity. The teams discuss and develop the path in which they will assess students on their understanding of those standards, incorporating all three subject areas. They also develop formative assessments throughout the unit to be able to differentiate instruction to tailor lessons and activities to reach individual student needs, and develop mini-lessons or activities to assist students in reaching the desired outcome for unit standards. Students will have voice and choice in how they will show their understanding for each unit project, using the guidelines provided by the teacher teams on how their work will be assessed. The CASL program also has the freedom to manipulate the school’s daily schedule to meet their needs. CASL uses three class periods as a block of time where they can choose to ignore the traditional bell schedule, as well as class schedule, allowing the teachers to determine how best to use their time to reach desired standards and outcomes.

Additional Programs
English Language Learner Program
The English Language Learner Program offers high quality English language instruction and support for ELs to meet academic standards through curriculum aligned to IA Core and English Language Proficiency Standards in all subject areas. Students who are not yet proficient in the English language are assessed according to state/federal guidelines and placed in language development courses as part of their general education program. Courses are offered for beginning, intermediate, and advanced English learners and provide explicit instruction in all of the language domains (listening, speaking, reading, and writing) with an emphasis on developing academic language proficiency. Sheltered content courses for ELs provide support in learning core subject matter while promoting language development.