2021
7th Grade Scheduling Options Information Night

Presented by the Ray Middle School Counseling Office
Agenda

• General Education Requirements
• Overview of Acceleration - including criteria and rubric
• Course Selection and Scheduling Timeline
• Commonly Asked Questions
All 7th grade students will be scheduled in the following courses:

- English
- Social Studies
- Math Option**
- Science Option**
- Health
- Physical Education
- FACS
- Art
- Technology
- Music Option**
Background

- **New York State Regulations** indicate that “students in grade 8 shall have the opportunity to take high school courses in mathematics and in at least one of the following areas: English, Social Studies, World Language, Art, Music, Career and Technical Education subjects, and Science courses.”

- **Baldwinsville Central School District** accelerates 7th and 8th students in the following areas:
  - Mathematics
  - Science
Acceleration Defined

Acceleration is “progress through an educational program at rates faster or at ages younger than conventional”.

Pressey, 1949

Source: Guidelines for an Academic Acceleration Policy, Nov 2009
Mathematics Options at Ray

On Grade Level

• MATH 7
  • Meets NYS Middle Level Math Requirements

Accelerated

• Accelerated Math 7
  • NYS Middle Level Math Requirements plus additional 8 units including:
    • Number Theory
    • Linear Equations
    • Systems of Linear Equations
    • Integer Exponents
    • Scientific Notation
    • Geometry
## Sample Math Sequence

<table>
<thead>
<tr>
<th>6th Grade</th>
<th>7th Grade</th>
<th>8th Grade</th>
<th>9th Grade</th>
<th>10th Grade</th>
<th>11th Grade</th>
<th>12th Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Math 6</td>
<td>Accelerated Math 7</td>
<td>Algebra 1 (Common Core)</td>
<td>Geometry</td>
<td>Geometry, Algebra 2 or Math Elective</td>
<td>Algebra 2 or Pre-Calculus or Math Elective</td>
<td>Pre-Calculus, Calculus or Math Elective / AP Math</td>
</tr>
<tr>
<td>Math 7</td>
<td>Pre-Algebra</td>
<td>Algebra 1 (Common Core)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## Science Options at Ray

<table>
<thead>
<tr>
<th>On Grade Level</th>
<th>Accelerated</th>
</tr>
</thead>
<tbody>
<tr>
<td>• SCIENCE 7</td>
<td>• Accelerated Science 7</td>
</tr>
<tr>
<td>• Meets NYS Middle Level Science Requirements</td>
<td>• NYS Middle Level Science Requirements plus additional units in:</td>
</tr>
<tr>
<td></td>
<td>• Fossil Records, Reproductive Success in Plants and Animals, Genetics</td>
</tr>
<tr>
<td></td>
<td>• Earth Systems/Processes-Volcanoes, Earthquakes, Natural Disasters</td>
</tr>
<tr>
<td></td>
<td>• Waves, Transfer of Energy as Electric Currents</td>
</tr>
</tbody>
</table>
# Sample Science Sequence

<table>
<thead>
<tr>
<th>6th Grade</th>
<th>7th Grade</th>
<th>8th Grade</th>
<th>9th Grade</th>
<th>10th Grade</th>
<th>11th Grade</th>
<th>12th Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Science 7</td>
<td>Science Investigations</td>
<td>Living Environment</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Now that we’ve discussed Math and Science options, what’s next?

You will be receiving a snapshot of your student’s progress during 6th grade in the mail. Please use this information to determine if your student is ready to participate in accelerated math and/or science next year.
### Sample Snapshot with Rubric

#### Math 6 Average

<table>
<thead>
<tr>
<th>Score</th>
<th>Level 1</th>
<th>Level 2</th>
<th>Level 3</th>
<th>Level 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>MP2: 79</td>
<td>79% or below</td>
<td>80 – 84%</td>
<td>85 – 89%</td>
<td>90% or higher</td>
</tr>
<tr>
<td>MP3: TBD</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MP4: TBD</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Science 6 Average

<table>
<thead>
<tr>
<th>Score</th>
<th>Level 1</th>
<th>Level 2</th>
<th>Level 3</th>
<th>Level 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>MP2: 86</td>
<td>79% or below</td>
<td>80 – 84%</td>
<td>85 – 89%</td>
<td>90% or higher</td>
</tr>
<tr>
<td>MP3: TBD</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MP4: TBD</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### STAR Math

<table>
<thead>
<tr>
<th>Score</th>
<th>Level 1</th>
<th>Level 2</th>
<th>Level 3</th>
<th>Level 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Winter: 55</td>
<td>Intervention Level (24th national percentile or below)</td>
<td>On Watch Level (25-39th national percentile)</td>
<td>At Grade Level (40th-70th national percentile)</td>
<td>Above Grade Level (71st national percentile and above)</td>
</tr>
<tr>
<td>Spring: TBD</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### STAR Reading

<table>
<thead>
<tr>
<th>Score</th>
<th>Level 1</th>
<th>Level 2</th>
<th>Level 3</th>
<th>Level 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Winter: 24</td>
<td>Intervention Level (24th national percentile or below)</td>
<td>On Watch Level (25-39th national percentile)</td>
<td>At Grade Level (40th-65th national percentile)</td>
<td>Above Grade Level (66th percentile and above)</td>
</tr>
<tr>
<td>Spring: TBD</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Gr. 5 NYS Math Test

- Cancelled

#### Gr. 4 NYS Science Test

- 3
PARENT/GUARDIAN CHOICE

- You know your student best. If you believe your child can meet the rigor and expectation of the Accelerated Pathway, even if they do not meet the recommended standards set forth in the letter, you may opt to have your child scheduled accordingly.
- On-ramps to acceleration can occur later in a student’s academic program.
Music Options at Ray

**General Music** - General Music is designed to give students a hands-on learning experience. Students will learn to play acoustic guitars and the keyboard. Students will listen to many genres of music and learn fundamentals of music composition.

**Chorus 7** - Performance Ensemble. Participation in chorus is open to any student looking for an opportunity to sing in a group setting. Class meets every-other day. Work includes required performances.

**Band 7** - Performance Ensemble. Class meets every-other day. Band work includes required weekly lessons and performances.

**Orchestra 7** - Performance Ensemble. Class meets every-other day. Orchestra work includes required weekly lessons and performances.
Project Lead the Way
Computer Science for Innovators and Makers
20 Week Course

• This course will allow students to discover computer science concepts and skills by creating personally relevant, tangible, and shareable projects. Throughout the unit, students will learn about programming for the physical world by blending hardware design and software development. They will design and develop a physical computing device, interactive art installation, or wearable, and plan and develop code for microcontrollers that bring their physical designs to life.
Automated Option

Automation and Robotics - 20 Week Course

In the Robotics course, students will explore the world of automation and robotics. Students taking the robotics course will gain an understanding of the rapidly growing world of automation and understand the long term impacts of new technology on the world we live in. Robotics is a hands-on course where students problem solve by constructing and coding robots to complete challenges. Some robotics projects include user controlled robots (where students drive their own robots through a challenge course) and autonomous guided robot projects (where robots follow a predetermined path without any human control). Robotics projects will be collaborative in nature where student led design teams will be responsible for the building, coding and documentation of the design process used to complete tasks. Students will have an exciting and genuine experience using Vex Robotics to solve authentic real world problems (Can replace Technology 7).
Timeline

The week of March 22nd-
• Families will receive the Snapshot/Rubric and Paper Course Selection Form in the mail.
• Access to the Online Course Selection Form will be available.

Submit either Form by April 9, 2021.
7th Grade Course Selection Form 2021-2022

Please submit one version

Please complete the form below by April 9th. All 7th Grade Students will be enrolled in:
- English
- Math OPTION
- Science OPTION
- Social Studies
- Health
- Family & Consumer Science (FACS)
- Art
- Technology
- Physical Education
- Music OPTION

* Required

---

Email address *

Your email

---

LAST name of student *

Your name

---

7th Grade Course Selection Form 2020-2021 School Year

All 7th Grade Students will be enrolled in:
- English
- Health
- Social Studies
- Family & Consumer Science (FACS)
- Art
- Technology
- Physical Education
- Math OPTION
- Science OPTION
- Music OPTION

---

Math Option- CHOOSE ONE
Baldwinsville offers two pathways in mathematics, a Traditional Pathway (Math 7) and an Accelerated Pathway (Accelerated Math 7).

☐ Math 7 - The on grade-level pathway progresses through grade level math standards at an appropriate pace. Students moving along this pathway are projected to take the Algebra I Regents in grade 9.

☐ Accelerated Math 7 - The accelerated pathway exposes students to concepts at a faster pace and content is both on-grade level and above-grade level. Students enrolled in this course will also be enrolled in an additional class period every other day. The accelerated pathway typically leads students to take the Algebra I Regents in grade 8. The Algebra I course will appear on your student's high school transcript.

---

Science Option- CHOOSE ONE
Baldwinsville offers two pathways in mathematics, a Traditional Pathway (Math 7) and an Accelerated Pathway (Accelerated Math 7).

☐ Science 7 - The on-grade level pathway for Science 7 progresses through grade level science standards at an appropriate pace. Students moving along this pathway are projected to take the Living Environment Regents in grade 9.

☐ Accelerated Science 7 - The accelerated pathway for Science 7 exposes students to concepts at a faster pace and content is both on-grade level and above-grade level. Students enrolled in this course will also be enrolled in an additional class period every other day. The accelerated pathway typically leads students to take the Living Environment Regents in grade 8. The Living Environment course will appear on your student's high school transcript.

---

The Scheduling Presentation can be found on the Ray Counseling Office Website.
Common Questions

Can I take both accelerated courses, two music ensembles and both tech electives?  
It depends on how the master schedule is built but students may need to choose between electives. Counselors will work behind the scenes to create the best schedule to meet all of the students requests. Sample schedules with different course selections can be found on the Ray Counseling Office Website.

Can I make a level change in Math or Science and/or add elective courses?  
Yes, you have until the add/drop deadline, with administrative approval.

What if my student receives special education services?  
Please complete the scheduling form. Once your student has their annual review, counselors will make the necessary changes to your student’s course selections behind the scenes.

What about RTI services?  
Staff will review RTI data at the end of the school year and make the necessary changes to your schedule. We will call you in the summer if there are any scheduling conflicts.

Can I take Band/Orchestra/Chorus if I was not enrolled in Grade 6?  
Yes, you can.

If you have questions about “will this fit?” Please contact your student’s counselor at 315-638-6114. We’d be happy to help map out your selections.  
Mr. Crosby- students with the last name A-F  
Mrs. Dwyer- students with the last name G-N  
Ms. Stubbmann- students with the last name O-Z