Dear Parents and Students:

Students will have the option of earning high school credit in a variety of areas during their junior high experience. These early classes will permit them to expand their fields of study as they enter the high school by completing some basic prerequisites. **The classes available for high school credit in this program of study are preceded by a course code and listed in bold.** When selecting high school credit courses, a transcript will be generated and this will be the beginning of your child's high school GPA. It is important for a discussion to occur between you and your child regarding what “receiving credit” for a course means. If your student selects one of these courses, they will be taking it for credit. You and your child can decide to take the course with the pass/fail option but you must notify the school.

School Counselors,
Lakeview
Nerma Cockrell
614-830-2200
Ridgeview
Eileen McGarvey
614-548-1700
Shannon Trexler
Kris Owen

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**COURSE OPTIONS**

**All high school courses must be taken for credit. Courses cannot be repeated for a higher grade and will include semester exams.**

**High School Semester Courses**

A semester course will last two grading periods, approximately half a year. At the end of the first grading period of that semester, you and your child can decide to take advantage of the pass/fail option instead of a letter grade. **Pass/Fail forms must be submitted to the counseling office ten days after grade cards are distributed to notify the school that you want to use this option.** If you do not contact the school indicating interest in the pass/fail option, your child will receive the credit, and the letter grade for the course, which will be reflected on the high school transcript.

**Pass/Fail Option**

Students may take any high school credited course on a pass/fail (graded as: S/U -Satisfactory/Unsatisfactory) basis. Courses eligible are Accelerated 8th Grade Algebra 1, Honors Geometry, Integrated Science, Spanish 1, Spanish 2, French 1, German 1, Two-Dimensional Design, Three-Dimensional Design, Theatre 1, Introduction to Engineering, Lifetime Fitness, and Team Sports. Forms are available in the school counseling office. For more information, please see [www.pickerington.k12.oh.us](http://www.pickerington.k12.oh.us).

Students NOT selecting the pass/fail (S/U) option will receive a final letter grade that will calculate in their high school GPA and credit will be awarded for a passing grade. Students who decide to take the pass/fail (S/U) option will receive a final grade of an “S” or “U.” Courses that have a final grade of “S” or “U” will NOT calculate into their high school GPA and credit will still be awarded if a student receives an “S”. Since many of these courses are the foundation course to more advanced levels, passing a course with the pass/fail (S/U) option, will count as meeting one of the beginning level prerequisites.
ENGLISH

English 7
Grade 7 • Full Year
English is built around state mandated academic content standards. Within the framework of these standards, students are exposed to learning activities that enhance acquisition of vocabulary, reading, writing, research, and presentation skills. This program is designed to address individual student needs & interests through a variety of language experiences.

Accelerated English 7
Grade 7 • Full Year • By permission only
This course covers the same concepts as English 7, stretches into English 8 content, and students will be expected to think, write and read at deeper levels. Students must participate in a two-step screening process in 6th grade in order to qualify for this class. Those who qualify will receive a letter prior to registration.

English 8
Grade 8 • Full Year
English 8 embodies the development of observing, thinking, listening, speaking, reading, and writing skills. This program is designed to address individual student needs.

Accelerated English 8
Grade 8 • Full Year • By permission only
Students will be challenged to delve more deeply into literature and informational texts while expanding their personal writing skills beyond normal expectations. Emphasis will be on critical thinking in a variety of contexts with less emphasis on the review of basic language skills. This class will encourage them to take risks and welcome challenges.
MATH

As we transition to the Common Core State Standards (CCSS) and new testing requirements, there will be significant changes to mathematics courses and placement procedures. The CCSS were written to provide a deeper focus, greater coherence, and increased rigor at each grade level. Writers of the CCSS and the State Department of Education advise that we use extreme caution when placing students on an accelerated track. The new state exams will be administered during the 2014-2015 school year, which will reflect the rigor of the new standards. Our current 6th grade students will begin taking the new assessments when they are in the 8th grade. For further information regarding the CCSS for mathematics, please reference the link http://www.corestandards.org/the-standards/mathematics.

Math 7
Grade 7 • Full Year
Students will focus on four critical areas: (1) developing understanding of and applying proportional relationships; (2) developing understanding of operations with rational numbers and working with expressions and linear equations; (3) solving problems involving scale drawings and informal geometric constructions, and working with two- and three-dimensional shapes to solve problems involving area, surface area, and volume; and (4) drawing inferences about populations based on samples.

Accelerated Math 7
Grade 7 • Full Year • by permission only
Students will focus on the four critical areas mentioned in Math 7 and additional content from 8th grade. While coherence is retained, this course demands a faster pace for instruction and learning.

Math 8
Grade 8 • Full Year
Students will focus on three critical areas: (1) formulating and reasoning about expressions and equations, including modeling an association in bivariate data with a linear equation, and solving linear equations and systems of linear equations; (2) grasping the concept of a function and using functions to describe quantitative relationships; (3) analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying the Pythagorean Theorem.

8ACALG1 - ACCELERATED 8TH GRADE ALGEBRA 1
1 credit • Full Year • Open to qualifying 7th and 8th grade students • by permission only
The fundamental purpose of Accelerated 8th grade Algebra 1 is to formalize and extend the mathematics that students learned through the end of seventh grade. Students interested in taking Accelerated 8th Grade Algebra 1 will be required to participate in a screening process. All students who would like to be considered for Accelerated 8th Grade Algebra 1 will take the Orleans-Hannah Algebra Prognosis Test to determine Algebra readiness, and achieve a scaled score on the STAR Math universal screener that measures advanced Common Core math skills required to be successful in Algebra 1. These two nationally normed assessments show high correlation to Algebra readiness and math achievement, and provide solid, unbiased evidence of learning. The critical areas, called units, deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions. In addition, the units will introduce methods for analyzing and using quadratic functions, including manipulating expressions for them, and solving quadratic equations. Students understand and apply the Pythagorean theorem, and use quadratic functions to model and solve problems. This course differs from high school Algebra 1 in that it contains content from 8th grade. While coherence is retained, in that it logically builds from the Accelerated 7th grade, the additional content when compared to the high school course demands a faster pace for instruction and learning.
308H – HONORS GEOMETRY
Full Year • 1 Credit • Elective • Grades 9, 10, 11, 12 • Pre-requisite: Algebra 1
The study of geometry provides students the opportunity to describe and apply the properties of similar and congruent figures, to apply the Pythagorean Theorem, to understand angles, parallel and perpendicular lines, to explore compass and straightedge construction in the context of geometric theorems, and to use a variety of techniques of proof. Honors-level concepts include additional constructions in probability as well as completion of a monthly contextual problem. CALCULATOR — The OGT calculator model TI30XIIS is recommended.
SCIENCE

Science 7
Grade 7 • Full Year
Seventh grade science consists of Life, Earth and Physical Sciences.

*Life Science*: Cycles of Matter and Flow of Energy – Students will learn how matter is continuously transferred between one organism to the next. Students will also learn about the different factors that affect organisms in certain biomes.

*Earth Science*: Cycles and Patterns of the Earth and Moon – Students will learn about the hydrological, thermal and atmospheric cycles, as well as positions of local celestial objects (Earth, Sun, Moon).

*Physical Science*: Conservation of Mass and Energy – Students will learn about properties of matter at the atomic level and about the conservation of energy.

Science 8
Grade 8 • Full Year
Eighth grade science consists of Life, Earth and Physical Sciences.

*Life Science*: Species and Reproduction – Students will learn about the diversity of species in the present day as well as in the fossil record. Students will also learn about the basics of genetics.

*Earth Science*: Students will learn about the composition and properties of the Earth’s interior, the movement of plates and the constructive and deconstructive geological processes.

*Physical Science*: Students will learn about contact and non-contact forces, as well as the different types of potential energy.

205 – Integrated Science
Grade 8 • 1 credit • Prerequisite for other high school science courses – by permission only
Integrated Science is an inquiry-based laboratory course that introduces students to key concepts and theories that provide a foundation for advanced study in the physical sciences such as chemistry, physics, earth and space science. Students that are interested in taking Integrated Science will be required to take a Scientific Reasoning and Skills assessment to determine scientific readiness. Students achieving the appropriate score on the Scientific Reasoning and Skills assessment will be able to register for Integrated Science. This course differs from the high school Integrated Science in that it will also cover 8th grade Life Science and Earth Science material as well as the Integrated Science material. The course comprises the study of the physical world including developing models about classifying matter and how it changes, the particle nature of matter and atomic structure, types of chemical bonding and reactions and the conservation of matter. Energy interactions and the study of forces and motion will be emphasized. Students will also develop an understanding of the periodic table for use in explaining the chemical and physical changes developed in the course. In addition, students will be introduced to scientific theories about the origin, development and structure of the universe and the types of nuclear reactions such as those that occur within stars. Integrated Science is a high school introductory level course that fulfills the Ohio Core requirements for one year of physical science necessary for graduation.

SOCIAL STUDIES

Social Studies 7
Grade 7 • Full Year
World Studies from 750 B.C. to 1600 A.D.: Ancient Greece to the First Global Age
The seventh grade year is an integrated study of world history, beginning with ancient Greece and continuing through global exploration. All four social studies strands are used to illustrate how historic events are shaped by geographic, social, cultural, economic and political factors. Students develop their understanding of how ideas and events from the past have shaped the world today.

Social Studies 8
Grade 8 • Full Year
U.S. Studies from 1492 to 1877: Exploration through Reconstruction
The historical focus continues in the eighth grade with the study of European exploration and the early years of the United States. This study incorporates all four social studies strands into a chronologic view of the development of the United States. Students examine how historic events are shaped by geographic, social, cultural, economic and political factors.
**ELECTIVES**

**MUSIC**

**Band 7**  
*Grade 7 • Full-year*  
Band is a performance-based class for those students who play brass, woodwind, or percussion instruments. Enrollment in this class is open to those students who have successfully participated in band class the previous year or to those students who have permission from the director. Special attention will be placed upon proper playing fundamentals and performance techniques.

**Band 8**  
*Grade 8 • Full-year*  
Band is a performance-based class for those students who play brass, woodwind, or percussion instruments. Enrollment in this class is open to those students who have successfully participated in band class the previous year or to those students who have permission from the director. Special attention will be placed upon proper playing fundamentals and performance techniques.

**Choir 7**  
*Grade 7 • Full-year*  
7th grade Choir is a year-long course designed to solidify the basic fundamentals of singing. Singing is taught in a variety of manners to establish the strong musician. Gender specific sections may be established based on student interest. All learning is done in an ensemble setting.

**Choir 8**  
*Grade 8 • Full-year*  
Students will continue developing signing and ensemble skills. They will develop skills in breathing, tone quality, harmonization, and work independently or collaboratively to perform varied types and styles of music. Gender specific sections may be established based on student interest as well as a mixed ensemble offering.

**Orchestra 7**  
*Grade 7 • Full-year*  
Orchestra is a performance-based class for those students who play string instruments. Enrollment in this class is open to those students who have successfully participated in string class the previous year or to those students who have permission from the director. Special attention will be placed upon proper playing fundamentals and performance techniques. This ensemble would also be suitable for 8th graders with minimal string playing experience with the director’s approval.

**Orchestra 8**  
*Grade 8 • Full-year*  
Orchestra is a performance-based class for those students who play string instruments. Enrollment in this class is open to those students who have successfully participated in string class the previous year or to those students who have permission from the director. Special attention will be placed upon proper playing fundamentals and performance techniques. Select 7th graders may be permitted to enroll in this group with audition and approval of director.

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**THEATRE**

**560 – Theatre 1**  
*Grades 7, 8 • Semester • 1/2 credit*  
Theatre is a semester class where you will get a taste of various aspects of theatre. Activities include acting, improvisations, theatre history, pantomimes, stage makeup and stage combat. We will admit monologues, dialogues, and short scenes.

**Junior High Theatre Performance**  
*Grades 7, 8 • Semester • Permission of Instructor*  
This course is constructed as an accelerated Theatre I. Students will develop a sophisticated use of acting skills, improvisation, pantomimes, stage makeup, stage combat, monologues, dialog, and short scenes. Instructor permits entry in this class.
ELECTIVES

ART

850 – Foundations in Two-Dimensional Design – offered 2013/2014 ONLY
Grades 7, 8 • Semester • 1/2 credit
Foundations in Two-Dimensional Design is a course for beginning students who are interested in drawing, painting, and printmaking. Students will learn skills in the aforementioned areas, along with such items as color theory, design elements, and art history.

Grades 7, 8 • Semester • 1/2
Foundations in Three-Dimensional Design is a course for beginning students interested in ceramics, sculpture, and metal working. Students will learn to work with clay, plaster, metal, and various other materials. Students will also learn 3-D design elements, color theory, and art history.

Art Survey
Grades 7, 8 • Semester
This course is designed for those students wanting to explore and experiment with a variety of 2D & 3D art media, techniques, applications and styles. Projects will be based on current trends in art, with a focus on community and student interests.

FOREIGN LANGUAGE
These courses are offered for high school credit only. Careful consideration for enrollment should be discussed with your child’s counselor.

640 - FRENCH 1
Grade 8 ONLY • Full Year • 1 credit • This course will only be offered at the high school. Therefore, students taking it will attend class prior to the start of the Jr. High day and will be bussed to the Jr. High for 1st period.
The study for French begins with strategies for learning a second language. Subsequent units introduce basic communication, grammar, and writing skills and vocabulary. Students will be introduced to French speaking communities and practices around the globe through real life, everyday activities that deal with vacations, school, family, and sports and leisure activities. Proficiency in listening, speaking, reading, and writing is developed through interaction with a variety of media such as videos, music, games, and the Internet.

650 - GERMAN 1
Grade 8 ONLY • Full Year • 1 credit • This course will only be offered at the high school. Therefore, students taking it will attend class prior to the start of the Jr. High day and will be bussed to the Jr. High for 1st period.
This course is a study of the language and culture of German-speaking people. Emphasis is placed on the development of listening and speaking skills. Vocabulary and grammar are taught through conversational situations, language games and videos.

670 - SPANISH 1
Grades 7, 8 • Full Year • 1 credit
This course is a study of the language and culture of Spanish-speaking people. Communication skills are stressed, along with a strong foundation in vocabulary and basic grammar structures.

672 – SPANISH 2
Grade 8 • Full Year • 1 credit • Prerequisite: C or better in Spanish I, and maintained through course completion or by permission of the instructor.
Spanish II is a continuation of Spanish I. Basic grammar and vocabulary are expanded to cover more complex concepts and students learn new verb tenses. Culture studies add to the students’ understanding of the Hispanic people. Listening, speaking, reading, and writing are stressed to improve the understanding of both the language and the people who speak it.
Health & Physical Education

Physical Education
Grades 7, 8 • Semester
This class provides daily activities that allow improvement in the areas of muscular endurance, muscular strength, flexibility, cardiovascular endurance, agility and balance. Participants learn about physical, mental, and emotional wellness, rules, respect, active participation, sportsmanship, responsibility, cooperation and fair play through various individual and team activities. Students will understand and demonstrate behaviors that maintain a health-enhancing level of physical fitness, prevent disease, and speedy recovery from illness. Students will understand that a variety of individual changes occur throughout life and how the human body grows and develops.

Fitness and Nutrition
Grades 7, 8 • Semester
The basic purpose of this course is to motivate students to achieve lifetime personal fitness with an emphasis on the health-related components of physical fitness. The concept of wellness, or striving to reach optimal levels of health is the main emphasis of this course. Students will design their own fitness program as a way to develop the skills necessary to become fit and achieve some degrees of fitness within the course. This course requires physical exertion similar to physical education class. Class will be in the classroom two days a week and in the gym 3 days a week. During the days in the gym you will be required to change your clothes.

Health
Grades 7, 8 • Semester • May only be taken one time while in Junior High
Health imparts general knowledge related to the various physiological systems of the human body. Emphasis is placed on substance abuse, nutrition, personality, mental health, infectious and non-infectious diseases, first aid and safety, and human sexuality.

901 – Lifetime Fitness
Grades 7, 8 • Semester • .25 credit
The purpose of “Lifetime Fitness” is a course designed for those students who wish to develop a personal fitness program. Lifetime Fitness will help the student develop individual strategies for a lifetime of healthy living. Students will evaluate their present fitness level and then develop a plan on how to improve their personal fitness. Body movement, cardiovascular conditioning and strength conditioning will be emphasized. The class will also discuss nutrition and the role it plays in maintaining a healthy lifestyle. Video workouts used in class may include Pilates, Yoga, and Tae-Bo to reinforce the importance of flexibility and muscular strength.

905 – Team Sports
Grades 7, 8 • Semester • .25 credit
This class is designed for those students who wish to participate in team sports. The team sports will focus on game rules and strategies associated with a variety of sports. The emphasis of this class will be on teamwork, sportsmanship, and improve the basic skill level required by the various team activities. Some of the team activities the students may participate in may include, but will not be limited to the following activities: Flag Football, Soccer, Volleyball, Basketball, and Track and Field, Softball, Eclipse Ball and Speedball.
Integrated Technology Education

Introduction to Multimedia Production

Grades 7, 8 • Semester

This introductory class introduces the student to basic computer literacy, Internet, and components of multimedia: text, graphics, animation, sound, and video, and explores how they combine to create a multimedia product across a variety of computer hardware, software, and design concepts. Emphasizes the design aspects of multimedia projects and teaches the techniques required to develop presentations, videos and web sites.

824 – Introduction to Engineering Technology

Grades 7, 8 • Semester • 1/2 credit

Introduction to Engineering Technology is a one-semester course that will expose students to many different areas of technology. Topics that may be included/incorporated are: power and energy - physics, simple machines, fluid power systems, robotics and mechanical devices; manufacturing materials and processes - simple project construction using manufacturing processes in the areas of woodworking, metal work, plastics, and computer controlled machines; engineering - civil, electrical, industrial, and mechanical concepts are applied in the lab through problem-solving activities.

Interdisciplinary Innovations

Innovations in Applied Science 1 (formerly known as STEM 1)

Grades 7, 8 • Semester

STEM is an inquiry and project-based course that encompasses different aspects of Science, Technology, Engineering and Mathematics. Emphasis is place on the process and development of creating solutions instead of simply reciting answers. Students will take a hands-on approach in developing a thorough understanding of such concepts as structural engineering, forensics and biomedicine, all while helping them to develop the critical thinking skills that can be applied to their core subjects. This does NOT take the place of science class.

Innovations in Applied Science 2 (formerly known as STEM 2)

Grade 7, 8 • Semester • Prerequisite is STEM 1 • Greater emphasis is placed on the 8th grade math and science standards.

This course in an extension of the Introduction to STEM 1 course with a greater emphasis placed on the 8th grade math and science standards.
# SCHEDULE WORKSHEET

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**NOTES**
# 2013-2014 JUNIOR HIGH COURSE REQUEST

Please check the appropriate box for the courses you wish to select.

BOLD courses are taken for high school credit.

## Core

### English
- English 7 (Y)
- Accelerated English 7 (Y) – BY PERMISSION ONLY
- English 8 (Y)
- Accelerated English 8 (Y) – BY PERMISSION ONLY

### Math
- Math 7 (Y)
- Math 8 (Y)
- Placement in the following math classes will be contingent on appropriate scores on screening tests.
  - Scores may not be available before this form is due.
  - Accelerated Math 7 (Y) – BY PERMISSION ONLY
  - 8ACALG1 - Accelerated 8th Gr. Algebra 1 (Y) – BY PERMISSION ONLY
  - 308 Honors Geometry (Y) - BY PERMISSION ONLY

### Science
- Students entering seventh grade will take
  - Science 8 (Y)
  - Science 7 (Y)
- 205 Integrated Science (Y) – BY PERMISSION ONLY

### Social Studies
- Two classes of social studies are required for junior high students
- Social Studies 7 (Y)
- Social Studies 8 (Y)

## Electives

### Music
- Band 7 (Y)
- Band 8 (Y)
- Choir 7 (Y)
- Choir 8 (Y)
- Orchestra 7 (Y)
- Orchestra 8 (Y)

### Health & Physical Education
- Any 7th grade student not taking a music elective must take health or PE
  - Physical Education (S)
  - Fitness and Nutrition (S)
  - Health (S)
  - 901 Lifetime Fitness (S)
  - 905 Team Sports (S)

### Theatre
- Junior High Theatre Performance (S)
- 560 Theatre 1 (S)

### Integrated Technology Education
- Introduction to Multimedia Production (S)
- 824 Introduction to Engineering Technology (S)

### Art
- Art Survey (S)
- 850 Foundations in Two-Dimensional Design (S)

### Interdisciplinary Innovations (formerly known as STEM)
- Innovations in Applied Science 1 (S)
- Innovations in Applied Science 2 (S)

### Foreign Language
- 640 French 1 (Y) – 8th GRADE ONLY
- 650 German 1 (Y) – 8th GRADE ONLY
- 670 Spanish 1 (Y)
- 672 Spanish 2 (Y)

## Alternate Electives

Should a course be cancelled due to lack of student interest/enrollment or we are unable to schedule your first elective choices, please list four alternate electives in order of preference.

1. 
2. 
3. 
4. 

Return signed & dated form to Social Studies teacher no later than

<table>
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<th>Parent Signature</th>
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