

Murray County Central School

SEVENTH GRADE REQUIRED COURSES

ENGLISH 7

English 7 will provide an overview of the different modes of writing: narrative, informational, research and argumentation. Students will encounter a wide variety of texts, both self-selected and whole class, including literature, drama and informational texts. In this class, students will review basic grammar concepts, such as the parts of speech, as well as new academic vocabulary. There will also be speaking and listening components through class discussions and presentations.

Materials needed: notebook and folder or binder with loose-leaf paper, pencil.

MATH 7

The seventh grade mathematics course is designed to provide a smooth transition from arithmetic to algebra, and from the visual world and arithmetic to geometry. Students study each mathematical concept in depth through applications and practical problems, providing opportunities to develop skills and to understand the importance of mathematics in everyday life. Notebook paper and pencils are required. Calculators will be used in some topics, but a basic calculator is certainly adequate.

ALGEBRA 7 (ONLY BY TEACHER RECOMMENDATION & TEST RESULTS)

Algebra is a first-year course in algebra. The first-year course integrates geometry, statistics, and probability into algebra. Reading and problem solving are emphasized. With algebra, you can describe patterns of all kinds, work with formulas, discuss unknowns in problems and graph ideas. Algebra can be considered to be the language of mathematics. Preparation for the MCA Test will be a high priority. A graphing calculator is highly recommended for this class. (TI-83 or TI-84). The calculator will be used throughout their junior high and senior high mathematics courses. A notebook and pencil are needed as well.

SCIENCE 7 (Life Science)

Life science is the study of all living things. In this course you will study the theory of how life began, classification of living organisms, comparisons of different plant and animal kingdoms, and how the human systems work and interact. Special emphasis is placed on hands-on learning through the use of technology and laboratory procedures.

ART 7

MATERIALS NEEDED: #2 WOODEN PENCIL, MECHANICAL PENCIL, AN ERASER

The goal of this course is to build upon and increase students' knowledge of art. A broad spectrum of 2-3 dimensional art production will increase the student's knowledge of the elements and principles of design. Students will learn basic skills and the use of a variety of materials, tools, and techniques in drawing, painting, sculpture, ceramics, and graphic design. A continued emphasis on critical judgement is accompanied by increased focus on art from the past. Students will be able to identify specific elements and principles of design in works of art. Units included are: Still Life Drawing, Linear Perspective Drawing, Grid Drawing, Tempera Painting, Prints, Functional Pottery, and Clay Sculpture.

SOCIAL 7 (American History)

U.S. History Pre-Columbian to 1860 will be studied with a follow-up U.S. History 1860 to present being offered as sophomores. Areas that will be studied are Native Americans, exploration, colonization, revolution, the Constitution, expansion, and slavery. Skills that will be perfected are place location, reading graphs, reading charts, researching primary and secondary sources and reading timelines.

Materials Needed: Book Cover, Notebook, Folder, Pencil

TECHNOLOGY 7

Students in Tech 7 will receive an abundant amount of technology information. Students will be taught Microsoft Word, Microsoft PowerPoint, keyboarding skills, Scratch (animation program), and Internet searching.

Materials Needed: Wired headphones or earbuds compatible with a computer or laptop

PHYSICAL EDUCATION 7

Physical Education is an activity-oriented program which consists of basic skills, self-testing activities, and team-oriented sports. Classes help provide a regular amount of physical activity which is vital for maintenance of good health. Learning the rules of games and sports is important. Sportsmanship and cooperation between classmates is also expected. Physical Education classes provide the student with the opportunity to discover sports and recreational activities that will be linked to lifetime fitness.

Materials Needed: Extra change of gym shoes, t-shirt, shorts, (shorts are to reach the bottom of the thigh) sweatpants, socks, underwear, towel, soap/shampoo. (This can all stay in their gym locker) Notebook, Folder, Pen or Pencil. Calculator, Weather depending, sweatshirt or long sleeve t-shirt or jacket may be needed, small fee for bowling alley.

HEALTH 7

Seventh grade health is designed to educate students in the importance of living a healthy lifestyle. Making proper decisions which enable students to live this healthy lifestyle is stressed. Some of the topics covered include personality and emotions; growth and development (physically, socially and emotionally); diet and nutrition; exercise and fitness; consequences of drug, alcohol, and tobacco use; and medicines and how they affect the body.

Materials Needed: Book Cover, Notebook, Folder, Pencil,

Note to Parents/Guardians:

If you have any questions about registration, please call Mrs. Beech at the high school at 836-6184, ext. 4100 or email at mary_beech@mcc.mntm.org. Please make sure your son/daughter turns in their registration form to their 6th grade teacher by Friday, February 14.

SEVENTH GRADE ELECTIVE COURSES

JH SCIENCE

This class is intended to introduce you to the study of chemistry by looking at the chemistry of everyday things. We will do activities and experiments that demonstrate the chemistry of everyday things such as food, beverages, soap and detergents, water, etc. We will discuss basic principles of chemistry as we do the various activities.

Materials needed: Notebook and a pen

JH BAND

Junior High Band is designed to allow each student to develop his/her potential on a band instrument. Junior High Band is a continuation of pedagogical practices from beginning band designed for the student to develop a lifelong love of music and playing in band for fun. Junior High Band rehearses daily during the school day and performs several concerts a year for the community and student body. The band may also perform at required festivals and clinics throughout the year. Band members may also audition for local honor bands, play for solo and ensemble festivals, and participate in co-curricular ensembles. Individual lessons are required during the semester through the music department lesson program. Band is a yearlong course. Students will need Tradition of Excellence: Book 2, which can be purchased through the school.

JH CHOIR

Junior High Choir is open to all students in grades 7 and 8. Students will learn about healthy vocal technique to aid in lifelong singing and about singing in a group. Focused time will be devoted to the study of musical theory and sight singing. Students are required to participate in four concerts throughout the school year. Opportunities will be given for participation in small groups and other festival events.

JH FACS

This course will give students a small portion of the different areas covered in Family and Consumer Science. We will include units on food and nutrition, child development, personal relations, time management, and consumerism. Hands-on projects will give you an opportunity to explore and experience essential life skills.

JH MATH LAB 7th Grade*

This class will focus heavily on basic skills. Number sense, fractions, decimals, percents, and other useful skills will be taught. A basic calculator will be used part of the time. This class will help reinforce topics that are necessary for future success in mathematics classes. There will be some homework required in this class, but the majority of the work will be completed in class.

*Students scoring below proficiency on standardized Math tests will be required to take this course. A notebook and pencil are needed.

JH SHOP

This class will introduce junior high students to shop facilities in Ag education. Students will study a variety of topics such as: safety, tool ID, proper tool usage, wood structure, plan-reading, and hands on techniques. This class will go into extensive safety and usage of woodworking tools. These tools will be demonstrated by the students to the rest of the class. Students will complete two projects in the wood shop using the tools and knowledge they have gained. This class will use hands on experience for a majority of the time.

Materials needed: Notebook and a pen for the first 4 weeks.

JH LIFE SKILLS

This class will concentrate on information covered in Family and Consumer Science. We will include units in Management, Goals and Decision Making, Resources for Managing, and Consumer Behavior including comparison-shopping, advertising and checking accounts. We will also include mini units on Clothing-selecting clothing, care and repair, Housing-housing needs, design principles, furnishing your home, Personal Development-basic human needs, Child Development-ages & stages of children, safety, Family Living-types of families, and Foods-nutrition, the new & improved pyramid, and Cooking Basics.

JH OUTDOOR EDUCATION

Outdoor Education will provides activities designed to introduce various outdoor skills that will enhance both mental and physical well-being. Emphasis is on skill development, safety practices, responsibility, teamwork and self-awareness through experiential learning. Skills include, but are not limited to, hiking, biking, cooperative games, ropes initiatives, orienteering, camping, archery and a variety of outdoor experiences. During the winter months, students will be required to have outdoor clothing and boots for class.

JH TECH EXPLORATION

Materials Needed: Wired headphones or earbuds compatible with a computer or laptop

This course focuses on teaching 21st century skills and digital literacy. Students will use varied software and web tools. Topics may include:

Basics	Visual Learning	My Digital Life
Collaboration	Digital Footprint	Cyber Safety
Be Legal & Fair	Troubleshooting	Search Strategies
Digital Images	Powerful Presentations	Interactives
Dig the Data	Social Networking	Design Thinking
Career Prep	Creative Communications	Digital Storytelling
Buyer Beware	GLobal Collaboration	Computational Thinking

Murray County Central

Seventh Grade Registration

Dear Student and Parent(s):

During the seventh grade you will have little choice about the subjects you must take. Requirements mandated by the state will complete your schedule. Required and elective courses for seventh grade are shown on the registration form below.

Name _____ Grade 7

REQUIRED COURSES:

English 7, Math 7, Science 7, Social 7, Art 7, Technology 7, Phy Ed. 7, Health
(Students recommended for Algebra 7 will be notified by a parent letter)

ELECTIVE COURSES:

Band? yes _____ no _____

Choir? yes _____ no _____

If you choose both band and choir, you do not have to choose from the other elective classes.
If you take only band or only choir (one music), you will have to choose one elective 1st semester AND one elective 2nd semester
If you take neither band nor choir (no music) you will have to choose two electives 1st semester AND two electives 2nd semester.

1st Semester

_____ JH FACS _____ JH Science _____ JH Outdoor Education
_____ JH Language Arts Lab* 7th Grade

2nd Semester

_____ JH Life Skills _____ JH Shop _____ JH Tech Exploration
_____ JH Math Lab** 7th Grade

*Students scoring below proficiency on standardized Reading tests will be required to take this course.

**Students scoring below proficiency on standardized Math tests will be required to take this course.

(The school will attempt to honor your wishes in selecting these electives. Please bear in mind that schedule conflicts may warrant a change in your classes.)

Student Signature

**Return to your Homeroom
Teacher by Friday, February 14.**

Parent Signature