

# **MIDDLE LEVEL COURSE DESCRIPTIONS**

**by Grade Level**

**2009-2010**



## **SIXTH GRADE**

### **LANGUAGE ARTS**

#### **0650 Reading 6**

**1 Year**

Students will learn to use comprehension strategies to apply while reading a variety of narrative, informational, and non-print texts. Students will develop their fluency, word analysis and vocabulary skills, and demonstrate comprehension of text. This course prepares students for Reading 7.

#### **0600 English 6**

**1 Year**

Students will read, write, and communicate through a variety of media, with diverse purposes and audiences. Students will refine the writing process to plan, draft, revise, edit, and publish by analyzing both fiction and nonfiction models and examples. This course focuses on expository writing and speaking, and prepares students for English 7.

### **MATHEMATICS**

#### **2600 Math 6**

**1 Year**

Students will study addition, subtraction, multiplication and division of whole numbers, decimals and fractions; measurement; graphing; statistics; geometry and problem solving. Students are also introduced to percents, ratio and proportion, and one-step equations.

#### **2610 Challenge Math 6**

**1 Year**

Students will study addition, subtraction, multiplication and division of whole numbers, decimals, fractions and integers. They will also study one-step equation solving, problem solving, statistics, ratio, proportion, percent, and 2- and 3-dimensional geometry. This course consolidates the arithmetic of previous grades and prepares students for Pre-Algebra.

Prerequisites: Qualifying test scores on Orleans Hanna test, Terra Nova scores, and other factors are considered.

#### **2620 Pre-Algebra**

**1 Year**

Students will study number theory, operations with rational numbers, scientific notation, solving one-step and multi-step equations and inequalities, statistics, ratio, proportion, percent, geometry and coordinate graphing. This course prepares students to take Algebra.

Prerequisites: Qualifying test scores on Orleans Hanna test, Terra Nova scores, and other factors are considered.

### **SCIENCE**

#### **3600 Science 6**

**1 Year**

Students will use scientific inquiry to investigate the natural world and understand the connections among physical, life, and earth sciences. Students will also explore the role of science in society. Concepts included in sixth grade science are light and sound, the structure of earth, diversity and adaptation of organisms, and the structure and function of living systems including plants.

## **SOCIAL STUDIES**

### **4600 Social Studies 6**

**1 Year**

Students will study cultures of the Eastern Hemisphere from Pre-history through the Middle Ages incorporating geography, history, culture, government and economics. Geography and current events will be included throughout the year.

## **WORLD LANGUAGE**

### **1600 World Language Survey**

**Alternate Days, 1 Year**

World Language Survey gives students a brief, unique opportunity to learn about three languages: French, German and Spanish. This class, consisting of three 12-week segments, meets on alternate days and provides a basic introduction to each language. Students participate in activities related to the language and customs of each culture. As with any language course, some memorization is necessary. Students will demonstrate learning through various activities and projects.

## **PHYSICAL EDUCATION**

### **8600 Physical Education 6**

**Alternate Days, 1 Year**

The sixth grade physical education program is co-educational. This course provides students opportunities to gain knowledge and skills necessary to maintain lifelong participation in physical activities. Sixth grade physical education emphasizes continued development of skills and lead-up games in a variety of lifetime activities with a concentration on individual physical fitness.

## **ART**

### **7650 Art 6**

**6 Weeks**

Sixth grade art is an introductory course designed to give students an overview to the elements of art: shape, line, color, value, texture, space, and form. Included in this course are two-dimensional and three-dimensional experiences, some of which may be painting, drawing, and sculpture. Students will explore the influences of art from other times and cultures.

## **MUSIC**

### **Required**

#### **7610 General Music 6**

**6 Weeks**

This is a required, non-performance music course. Areas to be explored include vocal technique, music theory, history and cultures, and listening techniques. These studies will prepare and assist in developing the student's musical abilities for future music ensembles and his or her role as a music consumer.

### **Elective**

In addition to General Music 6, students may choose one or more of the following electives. Administrators and music teachers will assist with the most appropriate scheduling options for each student. The following courses are electives offered in conjunction with Guided Study.

Band 6 (1 Year)

Orchestra 6 (1 Year)

Chorus 6 (Trimester or Year)

#### **7600 Band 6**

**1 Year**

Sixth grade band is a continuation of the instrumental music studies begun in 5th grade. In addition to improving individual playing skills, students will begin to learn group-playing techniques. Every band student will learn proper rehearsal behavior (attentiveness, respect, good posture, etc.), three major and three minor scales, the chromatic scale, fundamentals of music theory, tone production, breath control, and the importance of practicing for improvement. Percussionists will also learn 12 rudiments. Students are required to turn in weekly practice records and perform at all scheduled concerts.

#### **7620 Orchestra 6**

**1 Year**

Students will study music from various cultures and historical periods. Students will build on previously learned skills by learning techniques such as shifting, vibrato, and bowing styles. Students will also experience playing in an ensemble with other instruments. Students are required to perform in evening performances.

#### **7630 Chorus 6**

**Trimester or Year**

This is a performance-oriented course which includes required concert participation. This class develops the student's ability to sing two-part choral literature. Students will be introduced to vocal technique, theory and sight-reading. Participation in Chorus 6 is a firm building block for successful participation in Chorus 7 and lifelong involvement in music.

## **FAMILY & CONSUMER SCIENCES**

*Students will take one of the following courses in 6<sup>th</sup> grade and the other in 7<sup>th</sup> grade.*

### **5610 Foods, Nutrition & Family Living**

**6 weeks**

Students will learn food preparation skills to prepare snacks and simple meals. Students will use consumer skills and nutrition information to select snacks and meals for busy teens. Students will learn safe practices to stay alone or to care for younger children.

### **5620 Textiles, Clothing & Design**

**6 weeks**

Students will learn skills to care for clothing and home environments. Students will learn to operate sewing equipment to complete a project.

## **HEALTH**

### **8610 Health 6**

**6 weeks**

This course provides an introduction to the promotion of good health and well-being. Activities emphasize the positive choices one makes related to personal health, nutrition, fitness, safety and first aid, drugs, environmental health, and human growth and development.

## **COMPUTER APPLICATIONS**

### **2660 Computer Applications 6**

**6 Weeks**

This course provides students with an exploratory experience in the world of computers. It provides a review of keyboarding skills; work with an integrated software package incorporating word processing, database, and spreadsheet; use of the internet; e-mail; and multimedia software that integrates text, graphics, sound, and video. Ethical use of computer systems and software is stressed at all times.

## **INDUSTRIAL TECHNOLOGY**

### **6600 Industrial Technology 6**

**6 Weeks**

Students will be introduced to several areas of technology. Each area is called a Mission. Twenty-one missions are offered (see list below). Paired students work for three days on a Mission. Each day students complete a “hands on” activity. Creative problem solving is taught through Discovery Day activities that occur between Missions.

#### **Sixth Grade Missions**

Architecture

Automation

Balloons

Communications

Computer Drafting

Desktop Publishing

Drafting

Electrifying

Engineering

Hang Gliding

HoverCraft

MagLev

Manipulation

Processing Plastics

Resources

Robotics

Rockets

Simulation

Transportation

Visual Communications

Wall Construction

## **SPECIAL EDUCATION**

*Recommended by student's Individual Educational Plan*

<b>9610</b>	<b>Essentials of English 6</b>	<b>1 Year</b>
<b>9615</b>	<b>Essentials of Reading 6</b>	<b>1 Year</b>
<b>9620</b>	<b>Essentials of Math 6</b>	<b>1 Year</b>
<b>9630</b>	<b>Essentials of Science 6</b>	<b>1 Year</b>
<b>9640</b>	<b>Essentials of Social Studies 6</b>	<b>1 Year</b>
<b>9910</b>	<b>Fundamentals of English</b>	<b>1 Year</b>
<b>9915</b>	<b>Fundamentals of Reading</b>	<b>1 Year</b>
<b>9920</b>	<b>Fundamentals of Math</b>	<b>1 Year</b>
<b>9930</b>	<b>Fundamentals of Science</b>	<b>1 Year</b>
<b>9940</b>	<b>Fundamentals of Social Studies</b>	<b>1 Year</b>

## **RETEACHING OPPORTUNITIES**

Millard Public Schools provides many opportunities for students to be successful in their courses and on district and state assessments. In order to provide additional learning opportunities for middle level students, there may be times when a student schedule is adjusted for additional instruction within the school day. Communication between teachers, parents and students will occur prior to schedule changes due to the addition of a reteaching course.

## **SEVENTH GRADE**

### **LANGUAGE ARTS**

#### **0750 Reading 7**

**1 Year**

Students will learn to use comprehension strategies, word meanings, critical thinking skills and to develop and enjoyment of reading. Emphasis will be placed on active reading and practicing strategies independently through a variety of text.

#### **0700 English 7**

**1 Year**

Students will read, write, and communicate through a variety of media, with diverse purposes and audiences. Students will refine the writing process to plan, draft, revise, edit, and publish by analyzing both fiction and nonfiction models and examples. This course focuses on persuasive writing and speaking, and it will prepare students for English 8.

### **MATHEMATICS**

#### **2700 Math 7**

**1 Year**

Students will study addition, subtraction, multiplication and division of whole numbers, decimals, fractions and integers. They will also study one-step equation solving, problem solving, statistics, ratio, proportion, percent, and 2- and 3-dimensional geometry. This course consolidates the arithmetic of previous grades and prepares students for Pre-Algebra.

#### **2710 Pre-Algebra**

**1 Year**

Students will study number theory, operations with rational numbers, scientific notation, solving one-step and multi-step equations and inequalities, statistics, ratio, proportion, percent, geometry and coordinate graphing. This course prepares students to take Algebra.

Prerequisites: Challenge Math

#### **2720 Algebra**

**1 Year**

Algebra is a course designed for those students who have mastered the basics of arithmetic and pre-algebra, and who understand mathematics in a more abstract form. This is a typical first-year algebra course.

Prerequisites: Pre-Algebra

### **SCIENCE**

#### **3700 Science 7**

**1 Year**

Students will use scientific inquiry and technology to demonstrate an understanding of the unifying concepts and processes of the natural world. Students will identify the relationships among the personal, social, and historical aspects of science. Concepts included in seventh grade science are motion and forces, energy and energy transfer, geological processes, and the structure and function of living systems with emphasis on cells and human body systems.

## **SOCIAL STUDIES**

### **4700 Social Studies 7**

**1 Year**

This course helps students develop critical thinking and problem solving skills. Students will investigate the physical geography, climate, economy, political systems and demographics of countries in the Western Hemisphere, South Pacific and Western Europe. The importance of current events will be emphasized throughout the year.

*Students select Success Strategies or one of the following world languages.*

## **WORLD LANGUAGE**

### **1710 French I-A**

**Alternate Days, 1 Year**

Students will acquire the vocabulary and structures needed for listening, speaking, reading and writing at an introductory level. Students will learn about and experience cultural practices relating to the French-speaking countries. This course begins in seventh grade, meeting on alternate days, and will continue every day in French I-B in eighth grade. French I-A/I-B is a two-year course and equivalent to French I taught in high school.

### **1730 German I-A**

**Alternate Days, 1 Year**

Students will acquire the vocabulary and structures needed for listening, speaking, reading and writing at an introductory level. Students will learn about and experience cultural practices relating to the German-speaking countries and explore the rich German heritage within the United States. This course begins in seventh grade, meeting on alternate days, and will continue every day in German I-B in eighth grade. German I-A/I-B is a two-year course and equivalent to German I taught in high school.

### **1720 Spanish I-A**

**Alternate Days, 1 Year**

In Spanish I, students will express basic needs, courtesies, descriptions, likes and dislikes, agreement and disagreement. Also, they will make and respond to simple requests, questions, and instructions. They will read and respond to developmentally appropriate material. Students will identify and react to cultural perspectives and practices in the culture studied. Additional practice and review will be required. This course begins in seventh grade, meeting on alternate days, and will continue every day in Spanish I-B in eighth grade. Spanish I-A/I-B is a two-year course and equivalent to Spanish I taught in high school. Move-in students who did not have the opportunity to take Spanish I-A in seventh grade may take first semester of Spanish I in High School Summer School in order to be prepared for Spanish I-B in eighth grade.

## **SUCCESS STRATEGIES**

### **0710 Success Strategies**

**Alternate Days, 1 Year**

Students will explore strategies for success. Discover facets of study skills, skills to help with memorization, test-taking skills, note-taking, vocabulary development, and ways to determine your own learning styles.

## **PHYSICAL EDUCATION**

### **8700 Physical Education 7**

**Alternate Days, 1 Year**

This co-educational course is designed to expose students to a variety of team and individual activities. The purpose of the 7th grade program is to provide students continued opportunities to develop skills and individual fitness through physical activity.

## **ART**

### **7750 Art 7**

**6 Weeks**

The elements of art will be used to develop an understanding of the principles of design: balance, rhythm, movement, contrast, emphasis, repetition, and unity. Included in this course are two-dimensional and three-dimensional experiences, some of which may be painting, drawing, and sculpture. Students will continue to explore the influences of art from other times and cultures.

## **MUSIC**

### **Required**

### **7710 General Music 7**

**6 Weeks**

This is a required, non-performance music course and is a continuation of General Music 6. Students will explore vocal technique, music theory, history and cultures, and listening techniques. These studies will prepare and assist in developing the student's musical abilities for future music ensembles and his or her role as a music consumer.

### **Elective**

In addition to General Music 7, students may choose one or more of the following electives. Administrators and music teachers will assist with the most appropriate scheduling options for each student. The following courses are electives offered in conjunction with Guided Study.

Band 7 (1 Year)

Orchestra 7 (1 Year)

Chorus 7 (Trimester or Year)

### **7700 Band 7**

**1 Year**

Seventh Grade band is open to students who have successfully completed the objectives of sixth grade band or the equivalent, possess a desire to play band literature, and improve their level of musical performance. Students will continue to develop basic music skills: music theory, notation, sight-reading, rehearsal procedures, and practicing for improvement. Students are required to learn a minimum of five major scales, five minor scales, and the chromatic scale. Percussionists are also required to learn a minimum of 15 rudiments. Students are required to turn in home practice/assignment cards and perform at all scheduled concerts. Additional opportunities such as solo/ensemble clinics and honor bands exist for students at this level.

**7720 Orchestra 7****1 Year**

Students will study intermediate level repertoire from the string orchestra literature. The students will also study intermediate music theory and music history concepts and build artistry and skills in individual and group settings. Students enrolled in this class will be required to participate in several public performances with the group, most of which take place in the evening.

**7730 Chorus 7****Trimester or Year**

This is a performance-oriented course, which includes required concert participation. This class develops the student's ability to sing two-part and/or three-part choral literature. Students will continue their studies of vocal technique, theory and sight-reading. Participation in Chorus 7 is a firm building block for successful participation in Chorus 8 and lifelong involvement in music.

**FAMILY & CONSUMER SCIENCES**

*Students will take one of the following courses in 6<sup>th</sup> grade and the other in 7<sup>th</sup> grade.*

**5710 Foods, Nutrition & Family Living****6 weeks**

Students will learn food preparation skills to prepare snacks and simple meals. Students will use consumer skills and nutrition information to select snacks and meals for busy teens. Students will learn safe practices to stay alone or to care for younger children.

**5720 Textiles, Clothing & Design****6 weeks**

Students will learn to care for clothing and home environments. Students will learn to operate sewing equipment to complete a project.

**HEALTH****8710 Health 7****6 Weeks**

This course helps students develop and maintain healthy lifestyles. Emphasis is placed on information and the positive choices they can make to promote good health, now and throughout their life. Health class focuses on personal wellness, stress management, diseases, nutrition, physical fitness, drug misuse and abuse, and body systems.

**COMPUTER APPLICATIONS****2760 Computer Applications 7****6 Weeks**

This course provides students with an exploratory experience in the world of computers, building on previously acquired skills. Students will experience a variety of digital processes used with computers. The course includes work with an integrated software package incorporating word processing, database, and spreadsheet; use of the internet; and multimedia software that integrates text, graphics, sound, and video. Ethical use of computer systems and software is stressed at all times.

## **INDUSTRIAL TECHNOLOGY**

### **6700 Industrial Technology 7**

**6 Weeks**

Students will continue to explore technology through “hands on” activities. There are 27 courses, called Modules (see list below). Paired students work for seven days on a Module. In addition to the “hands on” Module activities, students complete a pre-test, 12 research challenges and a post-test. Each student will be assessed three times during each Module, demonstrating to the instructor concepts learned and projects completed. Creative problem solving strategies are taught during Discovery Days, which occur between each Module rotation.

### **Seventh Grade Modules**

Alternative Energy	Digital Transportation	Interior Design
Applied Physics	Digital Video	Music & Sound
Audio Broadcasting	Electricity	Personal Finance
CADD	Electronics	Practical Skills
CNC Manufacturing	Energy Power & Mechanics	Production
CNC Milling	Engineering Bridges	Research & Design
Computer Graphics & Animation	Engineering Towers	Robotics
Creative Solutions	Engines	Rocketry & Space
Digital Design	Flight Technology	Weather

## **SPECIAL EDUCATION**

*Recommended by student's Individual Educational Plan*

<b>9710</b>	<b>Essentials of English 7</b>	<b>1 Year</b>
<b>9715</b>	<b>Essentials of Reading 7</b>	<b>1 Year</b>
<b>9720</b>	<b>Essentials of Math 7</b>	<b>1 Year</b>
<b>9730</b>	<b>Essentials of Science 7</b>	<b>1 Year</b>
<b>9740</b>	<b>Essentials of Social Studies 7</b>	<b>1 Year</b>
<b>9910</b>	<b>Fundamentals of English</b>	<b>1 Year</b>
<b>9915</b>	<b>Fundamentals of Reading</b>	<b>1 Year</b>
<b>9920</b>	<b>Fundamentals of Math</b>	<b>1 Year</b>
<b>9930</b>	<b>Fundamentals of Science</b>	<b>1 Year</b>
<b>9940</b>	<b>Fundamentals of Social Studies</b>	<b>1 Year</b>

## **RETEACHING OPPORTUNITIES**

Millard Public Schools provides many opportunities for students to be successful in their courses and on district and state assessments. In order to provide additional learning opportunities for middle level students, there may be times when a student schedule is adjusted for additional instruction within the school day. Communication between teachers, parents and students will occur prior to schedule changes due to the addition of a reteaching course.

## **EIGHTH GRADE**

### **LANGUAGE ARTS**

#### **0800 English 8**

**1 Year**

Students will continue to improve their reading, writing, speaking, and multiple literacy skills. Students will continue to use the six traits of writing (ideas, organization, voice, sentence fluency, word choice, and conventions) to improve their academic and personal writing. This course prepares students for the State Standard Descriptive Writing Assessment, Speaking Assessment, and English 9.

### **MATHEMATICS**

#### **2800 Pre-Algebra**

**1 Year**

Students will study number theory, operations with rational numbers, scientific notation, solving one-step and multi-step equations and inequalities, statistics, ratio, proportion, percent, geometry and coordinate graphing. This course prepares students to take Algebra.

#### **2810 Algebra**

**1 Year**

Algebra is a course designed for those students who have mastered the basics of arithmetic and pre-algebra, and who understand mathematics in a more abstract form. This is a typical first-year algebra course.

Prerequisites: Pre-Algebra

#### **2820 Geometry**

**1 Year**

Students will learn traditional geometric facts, applications of those facts, and the axiomatic method used to derive those facts.

Prerequisites: Algebra

### **SCIENCE**

#### **3800 Science 8**

**1 Year**

Students will learn the connections among physical, earth, and space sciences. Students will explore the concepts of electricity and magnetism, the solar system, and properties and changes in properties of matter. Students will demonstrate their understanding of these concepts through scientific inquiry and the use of technology.

### **SOCIAL STUDIES**

#### **4800 American History 1776-1914**

**1 Year**

Eighth grade American History consists of a chronological approach emphasizing the social and political impact on the development of the United States. This course begins with a review of English colonization, the American Revolution and the United States Constitution. A detailed study of the United States from 1776 through 1914 then follows. Included within appropriate context will be units of study about Nebraska history and Native Americans. Special emphasis will be placed on geographical concepts, current events, writing and interdisciplinary units. In the ninth grade, students will continue the study of the United States from 1914 to the present.

## **PHYSICAL EDUCATION**

### **8800 Physical Education 8**

**3 Hexters**

The 8th grade physical education program is designed to expand the student's exposure to team and individual activities with a concentration on individual fitness. This program emphasizes application of skills and sport knowledge through game participation.

## **HEALTH**

### **5880 Know Your Self**

**6 weeks**

This required class gives students the opportunity to learn more about themselves in units covering personality/self-concept, communication, family, friends/cliques, eating disorders, and human sexuality. The unit on human sexuality focuses on seven basic values: equality, honesty, respect, responsibility, promise-keeping, self-control and social justice. The theme throughout the human sexuality unit is abstinence.

*Students select Success Strategies or one of the following world languages.*

## **WORLD LANGUAGE**

### **1810 French I-B**

**1 Year**

Students will acquire the vocabulary and structures needed for listening, speaking, reading and writing at an introductory level. Students will learn about and experience cultural practices relating to the French-speaking countries. This course meets daily and is a continuation of the French I-A course begun in seventh grade. French I-A/I-B is a two-year course. Students who want to take French I in middle school must begin in seventh grade.

### **1830 German I-B**

**1 Year**

Students will acquire the vocabulary and structures needed for listening, speaking, reading and writing at an introductory level. Students will learn about and experience cultural practices relating to the German-speaking countries and explore the rich German heritage within the United States. This course meets daily and is a continuation of the German I-A course begun in seventh grade. German I-A/I-B is a two-year course. Students who want to take German I in middle school must begin in seventh grade.

### **1820 Spanish I-B**

**1 Year**

In Spanish I, students will express basic needs, courtesies, descriptions, likes and dislikes, agreement and disagreement. Also, they will make and respond to simple requests, questions, and instructions. They will read and respond to developmentally appropriate material. Students will identify and react to cultural perspectives and practices in the culture studied. Additional practice and review will be required. This course meets daily and is a continuation of the Spanish I-A course begun in seventh grade. Spanish I-A/I-B is a two-year course. Students who want to take Spanish I in middle school must begin in seventh grade.

**1822 Spanish I****1 Year**

In Spanish I, students will express basic needs, courtesies, descriptions, likes and dislikes, agreement and disagreement. Also, they will make and respond to simple requests, questions, and instructions. They will read and respond to developmentally appropriate material. Students will identify and react to cultural perspectives and practices in the culture studied. Additional practice and review will be required. The outcomes of this course are the same as the two-year Spanish I-A/I-B that begins in seventh grade; however, because this eighth grade course is taught in just one school year, some content will be condensed.

This course is designed for students joining Millard Public Schools late in the seventh grade year or those new to eighth grade. Students not successful in Spanish I-A during seventh grade may take this course in eighth grade with administrator approval.

**SUCCESS STRATEGIES****0810 Success Strategies****1 Year**

Students will explore strategies for success. Discover facets of study skills, skills to help with memorization, test-taking skills, note-taking, vocabulary development, and ways to determine your own learning styles.

**ART****7850 Drawing****6 Weeks**

Students will explore the Elements of Art and Principles of Design, concentrating on a variety of drawing skills and techniques to further their cultural and historical visual arts awareness. Materials include, but are not limited to, pencils, pen and ink, oil pastels, chalk and charcoal. Assignments vary from still life, portraits, landscapes, perspective, and creative compositions.

**7860 Painting****6 Weeks**

Students will explore the Elements of Art and Principles of Design, concentrating on a variety of painting skills and techniques to further their cultural and historical visual arts awareness. Materials include, but are not limited to, oil pastels, watercolors, tempera and acrylic paintings. Assignments vary from still life, portraits, landscapes, perspective, and creative compositions.

**7870 Pottery/Sculpture****6 Weeks**

Students will explore the Elements of Art and Principles of Design, concentrating on a variety of Pottery/Sculpture materials which include, but are not limited to clay, plaster, wood, papier mache, cardboard and wire. Assignments vary from pinch, coil and slab clay construction, carving and assemblage.

**7880 Printmaking/Fibers****6 Weeks**

Students will explore the Elements of Art and Principles of Design, concentrating on a variety of Printmaking/Fiber skills and techniques to further their cultural and historical visual arts awareness. Printmaking/Fiber materials include, but are not limited to yarn, jute, linoleum blocks, styrofoam, fabric, stamps and found objects. Assignments vary from tie-dye, batik, weaving, basket coiling and various printmaking methods.

## **MUSIC**

### **7800 Band 8**

**1 Year**

Eighth grade band is open to students who have successfully completed the objectives of seventh grade band or the equivalent, possess a desire to play advanced band literature, and improve their level of musical performance. Students will continue to develop basic music skills: music theory, notation, sight-reading, rehearsal procedures, and the importance of practicing for improvement. Students are required to learn a minimum of seven major scales, seven minor scales, and the chromatic scale. Percussionists are also required to learn a minimum of 18 rudiments. Students are required to turn in home practice/assignment cards and perform at all scheduled concerts. Additional opportunities such as solo/ensemble clinics and honor bands exist for students at this level.

### **7820 Orchestra 8**

**1 Year**

Students will study intermediate level repertoire from the string orchestra literature. The students will also study intermediate music theory and music history concepts as well as building artistry and skill in individual and group settings. Students enrolled in this class will be required to participate in several public performances with the group, most of which take place in the evening.

### **7810 Chorus 8**

**Trimester, Semester or Year**

Eighth grade Chorus is a performance-oriented course, which includes required concert participation, develops the student's ability to sing three-part and/or four-part choral literature. There will be a continued emphasis on vocal technique, theory and sight-reading. Participation in Chorus 8 is a firm building block for successful participation in the various high school choral ensembles and lifelong involvement in music.

## **FAMILY & CONSUMER SCIENCES**

### **5810 Food for Teens**

**6 weeks**

Students will use new food preparation techniques and equipment to prepare a variety of foods. Students will explore nutrition, food decision-making and cooking skills

### **5840 Super Sewing**

**6 weeks**

Students will learn to use a pattern and the latest technology in sewing machines and sergers to make simple apparel. Learn to make consumer decisions related to clothing.

### **5830 Designing Spaces**

**6 weeks**

Students will use elements and principles of design to create a bedroom floor plan. Create crafts and accessories to decorate a room. Explore textile, design and housing related careers.

### **5820 Career Planning**

**6 weeks**

It's never too early to think about future career goals. This course will assist students in making decisions regarding educational career choices that will prepare them for their future. Students will identify interest areas, explore clusters of occupations, practice interviewing, learn positive job skills, and interview members of the community about their careers. Exploring a variety of career options will assist students as they develop their educational plans for high school and beyond.

**5850 Managing Money****6 weeks**

Students will prepare for life's financial realities. Students will explore the relationship between earning money and spending it. Smart consumer behavior will be discussed. Students will be introduced to managing a checkbook, creating a budget and planning for large expenditures. Students will apply math skills through the calculation of discounts, taxes, interest income and more.

**INDUSTRIAL TECHNOLOGY****6800 Industrial Technology 8****6 Weeks**

Students will continue to explore technology through "hands on" activities. The Modules and Module activities offered are the same as 7<sup>th</sup> grade; however, eighth graders cannot take the same Modules covered in seventh grade. Creative problem solving strategies are taught during Discovery Days, which occur between each Module rotation.

**Eighth Grade Modules**

Alternative Energy	Digital Transportation	Interior Design
Applied Physics	Digital Video	Music & Sound
Audio Broadcasting	Electricity	Personal Finance
CADD	Electronics	Practical Skills
CNC Manufacturing	Energy Power &	Production
CNC Milling	Mechanics	Research & Design
Computer Graphics &	Engineering Bridges	Robotics
Animation	Engineering Towers	Rocketry & Space
Creative Solutions	Engines	Weather
Digital Design	Flight Technology	

**COMPUTER APPLICATIONS****2861 Web Design****6 weeks**

Students will apply design elements to create web pages with computer graphics.

**2863 Graphic Design****6 weeks**

Students will apply design elements to create animated and still multimedia products.

**2860 Desktop Publishing****6 weeks**

Students will design and create printed or electronic publications.

## **SPECIAL EDUCATION**

*Recommended by student's Individual Educational Plan*

<b>9810</b>	<b>Essentials of English 8</b>	<b>1 Year</b>
<b>9815</b>	<b>Essentials of Reading 8</b>	<b>1 Year</b>
<b>9820</b>	<b>Essentials of Math 8</b>	<b>1 Year</b>
<b>9830</b>	<b>Essentials of Science 8</b>	<b>1 Year</b>
<b>9840</b>	<b>Essentials of Social Studies 8</b>	<b>1 Year</b>
<b>9910</b>	<b>Fundamentals of English</b>	<b>1 Year</b>
<b>9915</b>	<b>Fundamentals of Reading</b>	<b>1 Year</b>
<b>9920</b>	<b>Fundamentals of Math</b>	<b>1 Year</b>
<b>9930</b>	<b>Fundamentals of Science</b>	<b>1 Year</b>
<b>9940</b>	<b>Fundamentals of Social Studies</b>	<b>1 Year</b>

## **RETEACHING OPPORTUNITIES**

Millard Public Schools provides many opportunities for students to be successful in their courses and on district and state assessments. In order to provide additional learning opportunities for middle level students, there may be times when a student schedule is adjusted for additional instruction within the school day. Communication between teachers, parents and students will occur prior to schedule changes due to the addition of a reteaching course.

## **ENGLISH LANGUAGE LEARNERS (ELL)**

**\*offered at Central Middle School/Only for CMS book**

### **9950 ELL Basic Beginner**

Students will begin to learn English as an additional language. This class will meet three periods each day. Students will acquire English language skills through content-based instruction in the four domains of language use: reading, writing, speaking and listening. The curriculum focuses on “survival English” and emphasizes development of vocabulary. Students begin to write words, sentences and paragraphs in English. Students read fiction and non-fiction works that support grade-level content themes at the appropriate level of reading difficulty.

### **9960 ELL Beginner**

Students who have begun to learn English as an additional language, but still require a lot of language support, will take this class. The class meets three periods each day. Students will acquire English language skills through content-based instruction in the four domains of language use: reading, writing, speaking and listening. Reading and writing instruction are heavily emphasized. Students read fiction and non-fiction works that support grade-level content themes at the appropriate level of reading difficulty.

### **9970 ELL Low Intermediate**

Students will take two periods of this course each day. Students will acquire English language skills through content-based instruction in the four domains of language use: reading, writing, speaking and listening. Reading and writing instruction are heavily emphasized. Students read fiction and non-fiction works that support grade-level content themes at the appropriate level of reading difficulty.

### **9980 ELL High Intermediate**

Students will take one period of this course each day. Students will acquire English language skills through content-based instruction in the four domains of language use: reading, writing, speaking and listening. Reading and writing instruction are heavily emphasized. Students read fiction and non-fiction works that support grade-level content themes at the appropriate level of reading difficulty.

### **9990 ELL Advanced**

Students will take one period of this course each day. Students will acquire English language skills through content-based instruction in the four domains of language use: reading, writing, speaking and listening. Reading and writing instruction are heavily emphasized. Students read fiction and non-fiction works that support grade-level content themes at the appropriate level of reading difficulty.