

**JEFFERSON CITY SCHOOL DISTRICT
BOARD OF EDUCATION
REVISED WORK SESSION
BOARD OF EDUCATION OFFICES
JEFFERSON CITY, MO
JULY 24, 2017 - 6:00 P.M.**

- I. CALL TO ORDER**
- II. ROLL CALL**
- III. APPROVAL OF AGENDA**
- IV. CONSENT AGENDA ITEMS**
 - A. Approval of Finances*
 - B. Personnel*
- V. STRATEGIC PLAN**
 - A. Review District Plan - Dr. Larry Linthacum, Superintendent
Long and Short Term Goals*
 - B. Current Dashboard - Dr. Brian Shindorf, Chief of Learning and Dawn Berhorst,
Director of Student Information, Planning & Assessment*
 - C. Metrics - Mrs. Brenda Hatfield, Director of Quality Improvement
Outcomes
In Process*
 - D. Big Rocks Moving Forward - Dr. Brian Shindorf, Chief of Learning,
Mrs. Lorie Rost, Assistant to the Superintendent of Elementary Education,
and Mr. Gary Verslues, Assistant to the Superintendent of Secondary Education*
 - E. Board of Education Moving Forward - Mr. Steve Bruce, Board President*
- VI. NEW BUSINESS**
 - A. Staffing - Mrs. Dawn Berhorst, Director of Student Information, Planning &
Assessment*
 - B. Lease Purchase - Mr. Jason Hoffman, CFO/COO*
 - C. Encore Curriculum - Dr. Brian Shindorf, Chief of Learning*
- VII. OLD BUSINESS**
 - Approval of Construction Management At Risk - Dr. Larry Linthacum, Superintendent*

VIII. MOTION TO SUSPEND OPEN TO ENTER INTO THE CLOSED MEETING BY ROLL CALL VOTE, PURSUANT TO CHAPTER 610.021 OF THE REVISED STATUTES OF MISSOURI, SECTIONS (1) LEGAL ACTION, CAUSES OF ACTION OR LITIGATION,...; AND, (13) INDIVIDUALLY IDENTIFIABLE PERSONNEL RECORDS,...; AND, (14) RECORDS WHICH ARE PROTECTED FROM DISCLOSURE BY LAW. (Action by Roll Call Vote)

IX. ADJOURN

2017-2018 Curriculum to be Board Approved

Middle School

6th Grade

- Computers
- Gateway to Technology
- Family and Consumer Science (FACS)

7th Grade

- Public Speaking
- Gateway to Technology
- Academy Exploration
- Family and Consumer Science (FACS)

8th Grade

- Media Productions
- Medical Detectives
- Gateway to Technology
- Family and Consumer Science (FACS)
- Contemporary Issues

High School

- Algebra II
- Geometry
- US History

6th Grade Computers

Course Rationale:

6th Grade Computers is a class designed to develop students' 21st Century Skills and knowledge needed to live productively and to succeed in an increasingly connected digital world.

Course Description:

Through this 9-week course, daily encore class, students will be introduced to proper alphanumeric touch keyboarding techniques, as well as explore basic word processing concepts.

6th Grade Gateway to Technology

Course Rationale:

The Gateway To Technology curriculum provides project-based learning – a hands-on approach – that is exciting and challenging for the full range of students in today's grade 6 – 8 classrooms. The curriculum relates technology to students' daily lives. It promotes communication and collaboration by emphasizing a teaming approach in the instructional units. This approach utilizes the strengths of each team member to accomplish the goals of the project while offering students learning challenges at all ability levels.

Course Description:

Students trace the history, development, and influence of automation and robotics. They learn about mechanical systems, energy transfer, machine automation and computer control systems. Students use a robotics platform to design, build, and program a solution to solve an existing problem.

What role will today's students play in the future of our global economy? An understanding of engineering and technology and its impact is essential to today's students and our future society.

6th Grade Family and Consumer Science

Course Rationale:

We believe that Family and Consumer Science empowers individuals, strengthens families, and enables communities. FACS provides the knowledge and experience to tackle the changing demands of life while preparing students for the future. FACS teaches and reaffirms real life skills integrated with academic knowledge from language arts, science, social studies, and math, in an atmosphere of mutual respect and cooperation.

Students learn the interdependence of people in society while developing characteristics of leadership, responsibility, independence, and self-worth.

Course Description:

During this 9 week core FACS class, students will investigate and learn basic life skills and concepts in hands-on, multidisciplinary activities.

Units covered during this term include:

- Personal development
- Social skills
- Child care
- Foods and nutrition
- Clothing care and hand sewing

7th Grade Public Speaking

Course Rationale:

We believe that the ability to speak publicly is a valuable life skill. The 7th grade Public Speaking curriculum will help students develop this skill in a safe, stable, and supportive learning environment, which meets the needs of each individual.

Course Description:

Public Speaking provides the basic background knowledge necessary for a variety of public speaking activities including: conversations, questioning, viewpoints of others, verbal and nonverbal deliveries, and multimedia presentations.

7th Grade Gateway to Technology

Course Rationale:

The Gateway To Technology curriculum provides project-based learning – a hands-on approach – that is exciting and challenging for the full range of students in today's grade 6 – 8 classrooms. The curriculum relates technology to students' daily lives. It promotes communication and collaboration by emphasizing a teaming approach in the instructional units. This approach utilizes the strengths of each team member to accomplish the goals of the project while offering students learning challenges at all ability levels.

Course Description:

Through hands-on projects, students explore the science of electricity and the behavior and parts of atoms. Students acquire knowledge and skills in basic circuitry design and examine the impact of electricity on our lives.

7th Grade Academy Exploration

Course Rationale:

We believe the opportunity to explore personal interests is valuable in order to set future goals. The 7th grade Academy Exploration course will help students investigate career paths aligned with the JCPS academy model. This course will improve academic performance by engaging students in relevant and rigorous curriculum in a chosen area of interest.

Course Description:

7th Gr. Academy Exploration is a 9-week course that allows students to explore the JCPS academy model. Students will utilize personal interest inventories to evaluate their aptitudes in order to discover which academy is most appropriate for their skill set.

7th Grade Family and Consumer Science

Course Rationale:

We believe that Family and Consumer Science empowers individuals, strengthens families, and enables communities. FACS provides the knowledge and experience to tackle the changing demands of life while preparing students for the future. FACS teaches and reaffirms real life skills integrated with academic knowledge from language arts, science, social studies, and math, in an atmosphere of mutual respect and cooperation.

Students learn the interdependence of people in society while developing characteristics of leadership, responsibility, independence, and self-worth.

Course Description:

7th grade FACS is a continuation of the 6th grade FACS class. During this 9 week class, students will further develop the knowledge of the FACS subject matter, participating in hands-on multidisciplinary activities.

Units covered during the term:

- Develop goals and values for life opportunities.
- Compare and contrast wants and needs
- Construct a sewing project with the sewing machine.
- Apply dietary guidelines to analyze nutrition and wellness needs.
- Demonstrate the proper use of equipment, utensils and measurement techniques.

8th Grade Media Productions

Course Rationale:

Introduce students to various media to share information and explore career opportunities.

Course Description:

8th Gr. Media Productions is designed to introduce students to multimedia platforms exploring print, web design, and video production. Communication skills are stressed in all areas to enhance writing and verbal abilities. Students will produce the school's daily video announcements and news magazine as well as a personal website.

8th Grade Medical Detectives

Course Rationale:

Project Lead the Way is an inquiry-based program that enhances technological literacy and prepares students for careers in the 21st century. The Medical Detectives curriculum provides project-based learning -- a hands-on approach -- that is exciting and challenging for 8th grade students who are interested in the biomedical science field. The curriculum promotes communication and collaboration by emphasizing a teaming approach in the instructional units. This approach utilizes the strengths of each team member to accomplish the goals of the project while offering students learning challenges at all ability levels.

Course Description:

Students play the role of real-life medical detectives as they analyze genetic testing results to diagnose disease and study DNA evidence found at a "crime scene." They solve medical mysteries through hands-on projects and labs, investigate how to measure and interpret vital signs, and learn how the systems of the human body work together to maintain health. In this class students will diagnosis a mystery illness, extract DNA, dissect a sheep brain, and solve a murder scenario using electrophoresis.

8th Grade Gateway to Technology

Course Rationale:

The Gateway To Technology curriculum provides project-based learning – a hands-on approach – that is exciting and challenging for the full range of students in today's grade 6 – 8 classrooms. The curriculum relates technology to students' daily lives. It promotes communication and collaboration by emphasizing a teaming approach in the instructional units. This approach utilizes the strengths of each team member to accomplish the goals of the project while offering students learning challenges at all ability levels.

Course Description:

In this unit, students begin to recognize the value of an engineering notebook to document and capture their ideas. They are introduced to and use the design process to solve problems and understand the influence that creative and innovative design has on our lives. Students use industry standard 3D modeling software to create a virtual image of their designs and produce a portfolio to showcase their creative solutions.

8th Grade Family and Consumer Science

Course Rationale:

We believe that Family and Consumer Science empowers individuals, strengthens families, and enables communities. FACS provides the knowledge and experience to tackle the changing demands of life while preparing students for the future. FACS teaches and reaffirms real life skills integrated with academic knowledge from language arts, science, social studies, and math, in an atmosphere of mutual respect and cooperation.

Students learn the interdependence of people in society while developing characteristics of leadership, responsibility, independence, and self-worth.

Course Description:

8th grade FACS, a semester long class, builds upon the topics from both the 6th and 7th grade FACS classes. The focus on the 8th grade FACS class is directed to problem solving, decision making, and the transferring and application of real life concepts to the student's' current lifestyles and future.

1. Examine the different family structures.
2. Demonstrate how to use services available from financial institutions.
3. Construct a sewing project using the sewing machine.
4. Examine the 6 basic nutrients and their roles in developing good health.
5. Demonstrate the proper use of equipment, utensils, and measurement techniques.
6. Apply cooking techniques when creating food in the classroom.

8th Grade Contemporary Issues

Course Rationale:

It is important to read, watch, and listen to different medias in order to find reliable information to create an intellectual and well informed opinion about several contemporary topics while respecting the viewpoints of others. Acquiring knowledge and skills to recognize and solve problems is necessary to make informed decisions and act as responsible members of society. The intent of the course is to provide you with the basic background and foundational information to help you understand the world that we live in today.

Course Description:

In this 18-week elective course, students will investigate the current events of today's society through examination of various social, political, economic, and cultural events in order to better comprehend multiple perspectives on the world today. Students will explore current happenings facing the world today and will examine the central question of: "How can we, as independent thinkers and responsible citizens, draw conclusions and inform others regarding current issues?"

Algebra II

Course Rationale:

The main purpose of the Algebra II curriculum is to build upon skills developed in previous math courses and to expand mathematical understanding throughout the course. This course provides a foundation for higher-level math courses, including using calculator technology as an integral part of the curriculum. This is a course for students who plan to continue their study of mathematics in high school, technical school, and/or college.

Course Description:

Algebra II is a course that builds upon skills developed in previous math courses. It is largely a study of functions including polynomial, radical, rational, exponential, logarithmic, cubic, piecewise, step, and absolute value. Other topics include complex numbers, operations with functions, and sequences & series. Intermittent reviews of selected Algebra 1 topics will occur throughout the course. This is a course for students who plan to continue their study of mathematics in high school, technical school, and/or college.

Requires: TI-83 (or newer) graphing calculator.

Geometry

Course Rationale:

Geometry provides the students with the opportunity to explore geometric theorems, definitions and postulates. Using these geometric concepts and problem-solving strategies, the student will algebraically solve practical problems. Mastery of these skills should provide each student with a foundation for higher mathematics or vocational training.

Course Description:

Geometry emphasizes reasoning and logical thinking. This course connects geometry to algebra, data analysis, probability, and trigonometry. Specific topics include transformations, polygons, Cartesian coordinate system, area of plane figures, similarity, right triangle trigonometry, surface area and volume of solids and circles. This is a course for students who expect to continue their study of mathematics in high school, technical school, or college. The state End of Course (EOC) exam is administered upon successful completion of this course.

US History

Course Rationale:

The study of U.S. History opens to students the great record of human experience in the United States. This study reveals to the student the vast range of achievements both individuals and society have made to the problems confronting them. By studying the choices and decisions of the past, students confront today's problems and choices with a deeper awareness of alternatives before them and their likely consequences.

Course Description:

US History is the study of United States' History from Reconstruction to the present. Major events, such as Immigration, World War I, The Great Depression, World War II, Civil Rights, The Cold War and The Vietnam War are studied from the United States' perspective, but include relevant events from World History.