



# School Year 2021-2022

## Registration Information

### Grade 7

### Sample Schedule

*(Electives or specials may be dropped for interventions or special services.)*

PERIOD	A - DAY	B - DAY
Advisory	Advisory	Advisory
Daily Flex	Daily Flex Choice	Daily Flex Choice
1/2	Social Studies	Design Robotics/FACS
3	Elective	Elective
7 <sup>th</sup> Gr. LUNCH	LUNCH	LUNCH
4	Physical Education	World Language
5/6	Language Arts	Math
7/8	Science	Health/Art

**Visit our website for further information about South View:**

<http://southview.edinaschools.org>

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**SOUTH VIEW MIDDLE SCHOOL**  
**GRADE 7 - COURSE DESCRIPTIONS**  
**School Year 2021-2022**

**ART:** This course is designed to give the students a wide variety of art experiences and to develop self-confidence and creative thinking. A better understanding of aesthetics and art appreciation is explored. Learning activities are based on art theories, history, subject matter, technology and styles. This course meets for a block every other day for the full year.

**Family and Consumer Science (facs) Intro to FACS 7:** This course was designed to provide students with an exploratory experience of skills and concepts identified within Family and Consumer Sciences. There are four units of study: personal relationships, sewing/clothing care and repair, consumer decisions and foods/nutrition. In the relationship unit an emphasis is placed on self-esteem, taking responsibility, and identifying one's values. During the sewing/clothing care and repair unit students will learn to operate a sewing machine and read a technical pattern to create a project. Problem solving skills will be incorporated in the care and repair of clothing. Consumer rights and responsibilities, money management, and making wise consumer choices are part of the consumer decisions unit. Lessons will focus on the impact that consumer choices have on individuals and families. Students will access and evaluate information as it relates to a consumer comparison project. During the foods/nutrition unit students will be introduced to nutrition basics and the three elements of a functional kitchen: safety/sanitation, organization and food preparation techniques. Students will collaborate with others to prepare foods in a foods lab setting. This course meets for a block every other day for the full year.

**HEALTH:** The major units of study in this semester course include the following: the heart and its effects on our well being, wellness; mental health including stress management; social health, including peer support; digestive system, including weight control and eating disorders; effects of smoking and smokeless tobacco, alcohol and other drugs; human sexuality; communicable diseases and non-communicable diseases; first aid and safety. This course meets for a block every other day for the full year.

**PHYSICAL EDUCATION:** This full-year, alternating-day course is an exploratory program involving students in the areas of individual sports, team sports, outdoor recreation, and dance. Individual growth and development is encouraged through participation in individual activities such as, aerobics, dance, physical fitness, swimming, track and field, and tennis. Team concepts are provided through activities, such as basketball, flag football, floor hockey, lacrosse, soccer, volleyball, and ultimate Frisbee. Safety concepts, rules, and etiquette are emphasized in all activities.

## **ENGINEERING AND TECHNOLOGY**

**DESIGN & MODELING/ROBOTICS & AUTOMATION (Project Lead the Way):** In this class students will be introduced to the solid modeling design process (a very sophisticated mathematical technique for representing solid objects). Utilizing this design approach, students understand how solid modeling has influenced their lives. Students also learn sketching techniques, and use descriptive geometry as a component of design, measurement, and computer modeling. Using design briefs or abstracts, students create models and documentation to solve problems. Students will also trace the history and development of automation and robotics. They learn about structures, energy transfer, machine automation, and computer control systems. Students acquire knowledge and skills in engineering problem solving and explore requirements for careers in Engineering. This course meets for a block every other day for the full year.

**LANGUAGE ARTS 7:** This course is rigorous and will challenge all students to engage in literary texts, analyze what they read, and make connections to their lives and the world around them. It will cover the standards of reading, writing, speaking, listening and viewing. Students will study the characteristics of each literary genre (fiction, nonfiction, and poetry) through both reading and writing. The curriculum includes young adult and classic works, fiction and nonfiction, poetry, and drama. Particular emphasis will be placed on active reading skills as well as character development, conflict, plot, and theme. **All students will be challenged to read a minimum of 30 novels.** The six traits of writing will be used for instruction and assessment. The focus of writing for the year will be **on argumentative, explanatory, and narrative writing.** Summer reading is required.

**ENRICHED LANGUAGE ARTS 7:** This course covers the same curriculum and standards of 7<sup>th</sup> grade Language Arts. As “enrichment” to the adopted curriculum, students who register for this course are expected to read four additional novels throughout the year; ***this includes reading two novels over the summer months.*** Since there are more books, the pace of reading is increased; students will be expected to read a greater volume of pages each night. Class discussions and assignments are more independent, requiring students to think on a more interpretive, abstract level. Summer reading is required.

## **MATHEMATICS**

**Students are required to take a full year of mathematics in grades 6, 7 and 8.**

### **Pre-Algebra: (Prerequisite: Mathematics 6)**

This math course will cover the 7th Grade Minnesota Mathematics Standards. This will include the mathematics strands of Numbers and Operations, Algebra, Geometry and Measurements, and Data Analysis and Probability. The Envision 2.0 Math Accelerated Grade 7 materials will be used to help students meet these standards. Course topics include: integers and rational numbers, proportional relationships, percents, equivalent expressions, equations and inequalities, linear equations, sampling and probability, surface area and volume, and congruence and similarities.

**Algebra I: (Prerequisite: Pre-Algebra)**

This math course will cover the 8th Grade Minnesota Mathematics Standards. This will include the mathematics strands of Numbers and Operations, Algebra, Geometry and Measurements and Data Analysis and Probability. The Envision 2.0 Math Grade 8 materials will be used to help students meet these standards. Course topics include: real numbers, solve linear equations, model relationships with functions, bivariate data, systems of linear equations, Pythagorean Theorem, and congruence and similarity.

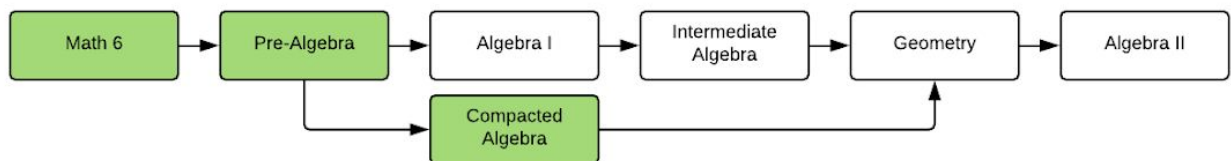
**Compacted Algebra: (Prerequisite: Pre-Algebra and Teacher Recommendation)**

This math course will cover the 8th Grade and some 9th-11th Grade Minnesota Mathematics Standards. This will include the mathematics strands of Numbers and Operations, Algebra, Geometry and Measurements and Data Analysis and Probability. The Envision A|G|A materials will be used to help students meet these standards. Course topics include: real numbers, solving equations and inequalities, linear equations, linear functions, systems of linear equations, exponents and exponential functions, quadratics, polynomials, and statistics. This course will compact Algebra I and Intermediate Algebra into a 1 year course.

**Geometry: (Prerequisite: Compacted Algebra)**

This math course will cover 9th-11th grade Minnesota Mathematics Standards in the area of Geometry. The Envision A|G|A Geometry materials will be used to help students meet these standards. Course topics include: foundations in geometry, parallel and perpendicular lines, transformations, triangle congruences, triangle relationships, quadrilaterals and other polygons, similarity, right triangle trigonometry, circles, two and three dimensional models.

**Pathways to meeting Minnesota Mathematics Standards:**



**SCIENCE:** As part of an integrated science program, students will learn to formulate questions, design and conduct experiments, collect and analyze data and reach conclusions. Students will demonstrate their understanding of scientific concepts by using them to explain observations and make predictions by representing their ideas in different ways. Students will learn to use scientific tools and technologies to conduct experiments and analyze results. There are 2 pathway options for science in middle school. All 7th grade students, whether on Pathway 1 or Pathway 2, learn the same content, are assessed on the same standards and are equally prepared for their futures. However, because students learn at different rates, this content is taught on two different schedules.

Science Pathway 1	Science Pathway 2 (Compacted Science)
<p>The Pathway 1 science course covers a year of Life Science aligned with the 2019 Minnesota Standards. It provides opportunities for depth and complexity with rigorous enrichment and incorporates more time for applying learning in multiple contexts. It provides learners with a science experience built on complex activities, assignments, in-depth conversations with peers and teachers, rigorous content and high expectations. This course provides opportunities for students who are innately curious and passionate about science. This course covers the second year of a 3-year sequence of 6-8 required science standards that prepare students for high school science.</p>	<p>The Pathway 2 science course is continued in 7th grade for students who completed Pathway 2 in 6th grade. It provides compacted learning experiences based on demonstration of science competencies. Students enrolled in this course should be able to quickly comprehend and apply science concepts. Repetition and experimentation are limited due to the pace of this course. Time outside of class may be needed to meet pacing demands. It covers 3 years of middle school science standards in 2 years and prepares students to take 9th grade science as 8th graders. This course utilizes math learned in the accelerated math pathways.</p>

**SOCIAL STUDIES 7:** Social Studies 7 is a U.S. history survey course. There is a secondary emphasis on citizenship and government, economics and geography within the context of U.S. history. Students learn about people, issues and events of significance to this nation’s history from 1800 to the current era of globalization. Students will be introduced to core historical documents such as the Declaration of Independence, the Constitution, the Bill of Rights and landmark Supreme Court decisions and their impacts on the American people. The common core standards for literacy in social studies will be integrated throughout the course.

**ENRICHED SOCIAL STUDIES 7:** In enriched 7th grade social studies students will be asked to read and analyze more rigorous texts. Students will apply their knowledge in a variety of ways through independent and collaborative work, often at a fast pace. Students will problem-solve, collaborate, communicate and understand the content of the course at higher levels.

**7<sup>th</sup> GRADE ELECTIVE COURSE SELECTIONS**

**For All Band/Orchestra Students:** *Students are encouraged to have previous band/orchestra or private lesson instruction in order to experience immediate success in their grade level band/orchestra classes.*

**BAND:** This full-year, daily course is designed to introduce all the units that will be necessary for future success in the band program. The student begins to experience the sounds and techniques of a larger band. Technique and practice are stressed to prepare the student for

further development. Lessons are given by sections during rotating class periods. Performances are scheduled twice during the school year. Solo Festival participation is required as further preparation for high school performance requirements. Prerequisite: Band 6 or instructor approval.

**SA CHOIR 7 (Soprano-Alto)**: This full-year, daily course offers students an opportunity to sing and perform in a mixed chorus situation. The course focuses on the rehearsal and performance of both serious choral literature and modern pop arrangements. Special attention is given to problems of the changing voice. All Choir members are required to perform in the December Winter Concert, the Masterworks Concert and in the annual Spring Concert. All concerts are evening performances.

**TB CHOIR 7 (Emerging Tenor-Baritone)**: This full-year, daily course offers students an opportunity to sing and perform in a mixed chorus situation. The course focuses on the rehearsal and performance of both serious choral literature and modern pop arrangements. Special attention is given to problems of the changing voice. All Choir members are required to perform in the December Winter Concert, the Masterworks Concert and in the annual Spring Concert. All concerts are evening performances.

**ORCHESTRA**: This full-year, daily course is designed to provide instrumental students an opportunity to perform in a large orchestral group. Students have the opportunity to perform as soloists and in small ensembles. In-school and public performances are scheduled throughout the year. Commitment to out-of-class individual practice time on a daily basis should be a strong consideration. Orchestra students are required to perform in three evening concerts per year.

**MUSIC EXPLORATION 7**: This full-year, daily course consists of units which explore the topics of sound, history of rock, jazz, and instruments of the orchestra, musical theater, electronic music and multicultural music traditions.

**ART EXPLORATION 7**: In this full year daily course, students will explore different types of media. Students will focus on building traditional art skills while also learning to express artistic meaning. In addition students will explore how traditional skills and concepts can transfer to a digital platform.

**ART IN THE DIGITAL AGE 7**: In this full year daily course, students will explore art and work in the digital format. Students will utilize computer software, digital photography, video, and other means to communicate visually. Artists and designers who work in digital media will be highlighted.

### **GRAPHIC DESIGN/CODING:**

*\*This course will be an integrated STEM option where students will receive instruction in both Graphic Design and Introduction to Coding.*

Graphic Design is the process of combining text and graphics to communicate to an audience that includes consumers, clients, and colleagues. This course will teach you the skills to convey an effective message to any audience. Students will learn about the use of CorelDraw, Photoshop, Illustrator, InDesign, and other design programs. A unique part of this course will be the opportunity for students to create client based designs and just-in-time production. Students will have the opportunity to use creative skills in all aspects of marketing, including advertising and promoting products. You will use your Graphic Design & Marketing skills to create graphic products for the South View community.

Coding - This course will introduce students to coding. They will be exposed to several coding languages for web page design, app and game development. Students will learn how these concepts and programs can be used with the engineering design process to solve problems. The course will utilize web-based coding opportunities.

### **WORLD LANGUAGES:**

**INTRODUCTION TO CHINESE B:** This course is a continuation of the 6th grade Chinese I A class. Students will further develop their skills with simple vocabulary building, character recognition, and memorization using Chinese songs, games and the art of calligraphy. Students will keep developing their communication skills in Chinese and continue learning about Chinese cultures.

**Prerequisite: Successful completion of Chinese IA or teacher approval.**

**INTRODUCTION TO FRENCH B:** This course is a continuation of the 6th grade French curriculum. Developing communication skills is emphasized, with special attention given to vocabulary building, oral proficiency, and the development of writing skills, including the study of basic grammatical concepts. Students demonstrate their skills through listening, speaking, reading and writing. **Prerequisite: Successful completion of French IA or teacher approval.**

**INTRODUCTION TO LATIN B:** This course is a continuation of the 6th grade Latin curriculum. Students continue to develop language skills through the ongoing storyline of a Roman family in Ancient Pompeii. Through the study of Latin vocabulary, students learn English derivatives and cognates. Cultural and historical topics include the Roman city, theater, slavery, life after death, and Roman myths and legends. **Prerequisite: Successful completion of Latin IA or teacher approval.**

**INTRODUCTION TO SPANISH B:** This course is a continuation of the 6th grade Spanish IA class. Developing communication skills are emphasized, with special attention given to vocabulary building, oral proficiency, and the development of writing skills, including the study of grammatical concepts. Students demonstrate their skills through listening, speaking, reading

and writing. **Prerequisite: Successful completion of Introduction to Spanish A or teacher approval.**

### **ADDITIONAL SERVICES**

**AVID: Advancement Via Individual Determination (AVID)** is a series of academic, regularly scheduled elective classes that uses writing as a tool for learning, inquiry, and collaboration. In AVID I, students are introduced to the main components of the AVID program: academic instruction (AVID curriculum), tutorial support, organizational and study skills, school success strategies and motivational activities. The mission of the AVID program is to ensure that all students, especially students in the middle capable of completing a college-preparatory path, have a chance to succeed, and to increase enrollment of these students in four-year colleges and universities. This is the introductory-level course which, when combined with AVID 2, 3 and 4, will provide support and skill development in areas specifically aligned with success in rigorous courses in the foundation content areas and in preparing students for success in college. A recommendation, application and interview are required. Students must be accepted into the AVID program. AVID is a full-year elective. In order to accommodate this course, other course options will be eliminated.

**ENGLISH LEARNERS (EL)**: This program is designed for students for whom English is a second language. The program will provide specialized tutoring for the non-English speaking students who are experiencing difficulty speaking, interpreting and reading English. Eligibility for the program will be determined by English proficiency testing.

**GIFTED EDUCATION SERVICES**: Students are identified for gifted education services on the basis of nationally-normed achievement and aptitude measures and teacher and parent recommendations using a characteristic checklist. Students select from a variety of enrichment opportunities facilitated by Resource Teachers. Activities for middle-school students include small-group special-topic seminars and workshops, mentorships and opportunities to pursue special topics through independent projects and informational interviews.

**SPECIAL EDUCATION PROGRAMS/SERVICES**: Special education services for students with identified disabilities are available to students in areas mandated and guided by laws, rules, and regulations. Students do not register for these services or programs. They are determined either through a formal individual evaluation process or are planned with parents as a continuation of needed services identified prior to enrolling at South View Middle School. For more specific questions relating to Special Education, contact Kelly Cool the Special Education Team Facilitator at 952-848-4922.

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