

GRADE 9 COURSE SELECTIONS

SOUTH VIEW/VALLEY VIEW MIDDLE SCHOOLS

ART

ELECTIVE ART COURSES

Course Offering: ART 2D (Two-dimensional)
Course Offered: Semester 1 or Semester 2
Course Number: 091104

This course partially satisfies the Arts requirement.

This course is designed for students to explore and work in a variety of two-dimensional materials and concepts. Projects include sketching, drawing, painting and printmaking, with an emphasis on developing individual style. Students will focus on art from historical perspectives.

Course Offering: ART 3D (Three-dimensional)
Course Offered: Semester 1 or Semester 2
Course Number: 091105

This course partially satisfies the Arts requirement.

This class is designed for students to explore and work in a variety of three-dimensional materials and concepts. Students will explore sculptures, assemblage, figure sculptures and pottery, with an emphasis on developing individual style.

Course Offering: INTRODUCTION TO DRAMATICS (South View only)
Course Offered: Semester 1 or Semester 2
Course Number: 091509

This course partially satisfies the Arts requirement.

This semester elective course is a performance-based workshop open to all 9th graders interested in theatre background and performance skills. As a performance arts class, students are welcome to take this class to continue to improve their performance skills. Activities include movement, improvisation and scene work from plays. Students will learn about the history of theatre and about theatre-related jobs. They will also learn some stagecraft techniques, such as designing and creating masks, costumes and/or sets. The class includes a field trip to a theatrical production and a final Drama Workshop in which all of the drama students will perform in front of an audience.

AVID

Course Offering: AVID I
Course Offered: Semester 1 or Semester 2

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. The three main components of the AVID program are academic instruction (AVID curriculum), tutorial support, 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 beginning-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. Students must be accepted into the AVID program. Prerequisites: Recommendation, Application, Interview Required.

Course Offering: AVID II (South View Only)

Course Offered: Semester 1 or Semester 2

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. The three main components of the AVID program are academic instruction (AVID curriculum), tutorial support, 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 beginning-level course which, when combined with AVID 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. Students must be accepted into the AVID program. *Prerequisites:* Recommendation, Application, Interview Required.

ENGINEERING AND TECHNOLOGY

ELECTIVE ENGINEERING AND TECHNOLOGY COURSE

Course Offering: PROJECT LEAD THE WAY: INTRODUCTION TO ENGINEERING DESIGN

Course Offered: Semesters 1 and Semester 2

Course Number: 092306 292306

This course satisfies the Arts requirement.

This course introduces students to engineering design. Students will learn about and apply the design process to solve real engineering problems. Students will learn to effectively document the solution to an engineering problem through sketching, modeling in three-dimensional CAD software, the creation of working drawings, and the use of a three-dimensional printer to create rapid prototypes. As students learn to solve engineering problems, they will learn to apply many different elements of design (visual, functional and structural) to their solution, to work in teams to solve problems (including a virtual teaming activity with another school), and to analyze the effects of engineered products on society from an environmental and ethical standpoint. This course will be eligible for up to 3 college credits with successful course completion and mastery of the college credit end-of-the-year exam.

FAMILY & CONSUMER SCIENCES

ELECTIVE FACS COURSES

Course Offering: FOOD & PERSONAL NUTRITION

Course Offered: Semester 1 or Semester 2

Course Number: 091305

This is a lab-oriented semester course focused on basic food preparation and nutrition. Food preparation techniques, nutrition principles, and food safety are reinforced through many lab experiences. A variety of learning situations offer students alternative ways to learn about healthy lifestyles. Students will have the opportunity to locate recipes and prepare the food of their choice, considering several planning factors. Current nutrition trends and concerns in the news are incorporated into learning and many nutrition topics related to teens are explored.

Course Offering: FABRICS (South View only)

Course Offered: Semester 1 or Semester 2

Course Number: 091306

This is a semester course designed to provide a background in fabrics and related topics such as clothing selection, managing personal resources, individuality, clothing care and practical application. Construction techniques which include technical reading will be used to create an individualized project based upon the student's readiness and previous experience. Emphasis is given to projects created from polar fleece, such as jackets and accessories. There is no pre-requisite, but prior sewing experience (such as grade 7 FACS) is helpful.

Offering: TEEN TOPICS (South View only)

Course Offered: Semester 1 or Semester 2

Course Number: 091312

This is a semester course where students have the opportunity to explore and focus on the teen years with special emphasis on friends and family, school, individual activities & abilities, and issues that have an impact on teens. Decision-making skills, communication skills, problem solving skills, and conflict management are utilized.

LANGUAGE ARTS

REQUIRED LANGUAGE ARTS COURSE

Course Offering: PRE-ADVANCED PLACEMENT ENGLISH 9

Course Offered: Semester 1 and Semester 2

Course Numbers: 171510 271510

Pre-AP English 9 will build and develop the language arts skills of literary analysis, writing, speaking, listening and media/digital literacy. Students will read contemporary and classic texts including novels, poetry, drama, short stories and non-fiction selections that reflect diverse voices and perspectives. Students will develop critical thinking skills through text-based discussions, Thinking Maps, and other research-based cognition strategies. Intensive writing instruction will help students develop analytical skills. Students will write in multiple genres including descriptive, narrative, and literary analysis. Grammar and usage review will be both explicit and authentic, focusing on application of conventions to student writing. Instruction in vocabulary will use lessons and contextualized vocabulary to improve reading comprehension, oral and written expression, as well as ACT/SAT test scores. Students will also practice effective speaking skills in individual presentations and group discussions. Differentiation for personalized learning through process, product and content will be a major component of this course so that all students have an opportunity for success. A summer reading selection is a prerequisite to the course.

ELECTIVE LANGUAGE ARTS COURSES

Course Offering: CREATIVE WRITING (South View only)

Course Offered: Semester 1 or Semester 2

Course Number: 091507

This course is organized as a writing workshop. In class pre-writing, revising and finalizing papers will be followed by reading aloud. Assignments include descriptive, narrative and expository writing, as well as poetry. Major projects may include a short story, children's book or a memoir. Students are encouraged to submit offerings for publications. Open to all grade 9 students interested in writing.

Course Offering: THEATRE PRODUCTION 9 (Valley View only)

Course Offered: Semester 1 or Semester 2

Course Number: 091511

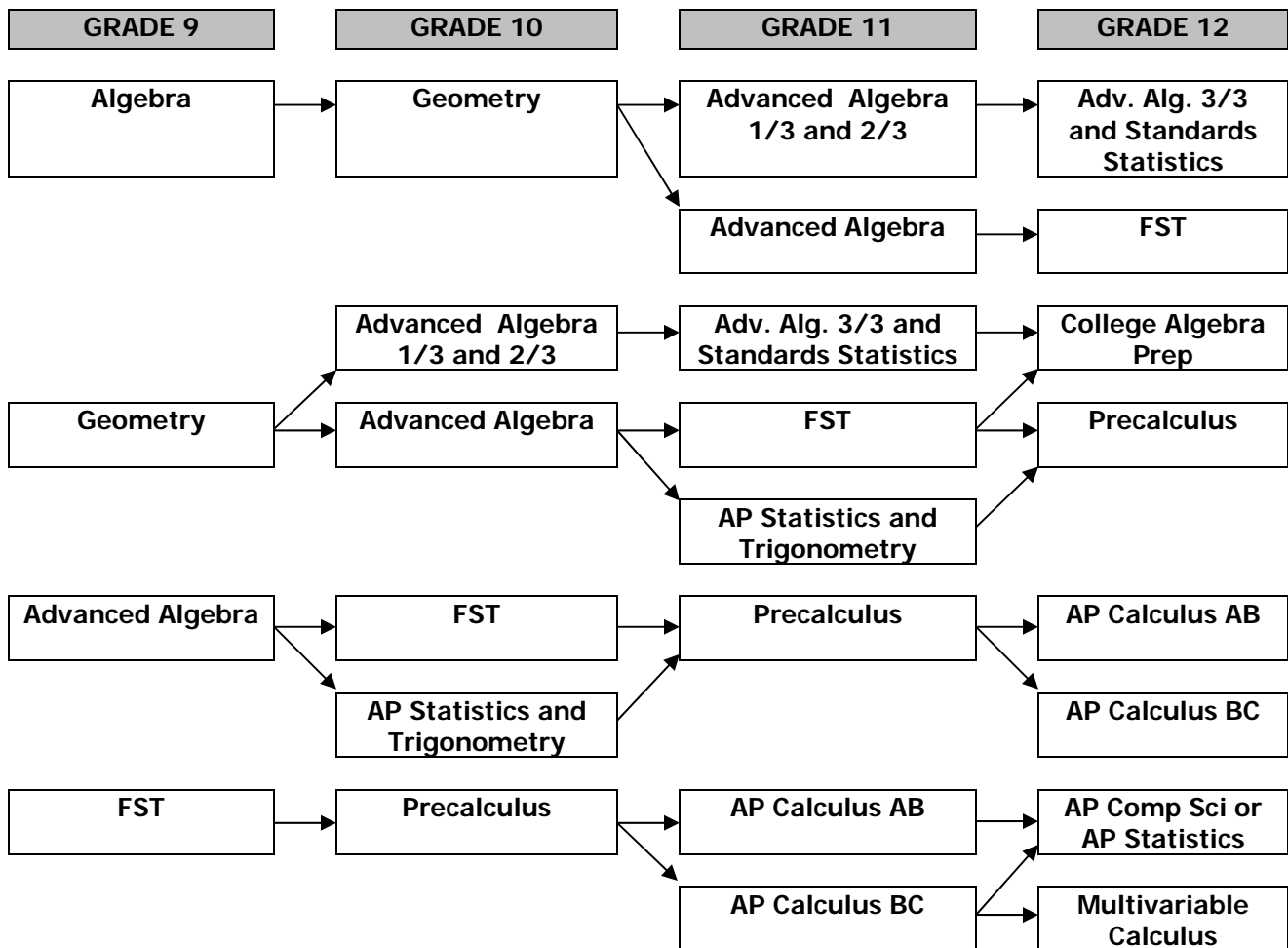
This course partially satisfies the Arts requirement.

This advanced course offers to serious students of drama a hands-on experience in bringing a play from "the page to the stage". A significant work of dramatic literature is chosen for production each semester. This class becomes a course in collaborating and problem solving as the students assist in all aspects of the production process, from casting to design to business considerations. Students in this class will be involved in the actual production of a play.

MATHEMATICS

Students are required to take a full year of mathematics in grades 6, 7, 8 and 9. Each student will be placed in the most appropriate mathematics path based on teacher recommendation and test results. Recommendations for placement in the accelerated path are made at the end of the student's grade 5 year. Test scores, as well as teacher recommendation and parental input, are used in making this placement. All students are exposed to the same mathematics, but at different pacing and levels of enrichment. Appropriate placement in mathematics classes is regularly monitored and reviewed for each student. University of Chicago math materials are used in all math courses.

MATHEMATICS CURRICULUM SEQUENCE



Course Offering: GEOMETRY
Course Offered: Full Year
Course Number: 161610 261610

The principal emphasis of this course is the study of geometric concepts and applications. Coordinates, measurement ideas (including the ideas of area and volume), congruence and similarity are studied. Geometric constructions are described as algorithms. Prior study of algebra, through linear systems and the quadratic formula, is required. Students in this course will be assessed on the high school standard for math applications on the concepts of shape, space and measurement. Credit achieved for this course meets state graduation requirements.

Course Offering: ADVANCED ALGEBRA
Course Offered: Full Year
Course Number: 161679 261679

Students in this course will demonstrate the ability to analyze mathematical patterns, relationships and functions to model and solve problems. In particular, the course promotes students' use of algebraic forms, power and roots, and functions based on these concepts. Logarithmic, trigonometric, polynomial and other special functions are also studied through the use of University of Chicago-designed materials.

Course Offering: FUNCTIONS, STATISTICS AND TRIGONOMETRY
Course Offered: Full Year
Course Number: 091642

This course satisfies the Mathematics-Probability and Statistics requirement.

The course enables the students to display, describe, transform, and interpret numerical information represented as data, graphs, or equations. Using a graphing calculator, the students visualize functions, explore relations between equations and their graphs, simulate experiments, generate and analyze data, and develop limit concepts.

Prerequisite: Advanced Algebra

MUSIC

ELECTIVE MUSIC COURSES

Course Offering: EXPLORING MUSIC: COMPOSITION & KEYBOARD (South View only)
Course Offered: Semester 1 or Semester 2
Course Number: 091713

This is an elective class for those students wishing to expand their musical interests in a non-performance keyboard laboratory class. Individualized activities, including music composition, music theory and various forms of multimedia, will be explored through synthesizers, technology and student-generated projects. Electronic keyboards, plus current music software programs, will be used to foster the individual creativity of each student. Credit achieved for this course meets state graduation requirements.

Course Offering: CHOIR 9
Course Offered: Full Year
Course Number: 091714

Completion of both semesters of this course fully satisfies the Arts requirement.

Choir 9 is a full-year, alternating-day course that is designed for the rehearsal and performance of both serious choral literature and modern pop arrangements. Fundamentals of music theory continue to be studied. All Choir 9 members are required to perform in the December Holiday Concert, the Masterworks Concert and in the annual Spring Concert. These concerts are evening performances. In addition, ensemble groups will be added during the year based on the interests and abilities of choir members.

Course Offering: BAND
Course Offered: Full Year
Course Number: 091715

Completion of both semesters of this course fully satisfies the Arts requirement.

This full-year, alternating-day course is designed to offer band students further opportunities to improve and expand their performance skills. Instruction will include beginning marching experience, as well as advanced materials that will aid the student in preparing to bridge the gap to high school performances. Sectionals are offered on a rotating basis. Concerts are scheduled throughout the school year. Solo Festival participation is required as further

preparation for high school performance requirements. *Prerequisite:* Band 8 or director's approval. Ensemble groups, such as Jazz Band or other small groups will be formed during the course of the school year based upon student interest and abilities.

Course Offering: ORCHESTRA
Course Offered: Full Year
Course Number: 091716

Completion of both semesters of this course fully satisfies the Arts requirement.

This full-year, alternating-day 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. Ensemble groups will be formed during the course of the school year based upon student interest and ability.

PHYSICAL EDUCATION & HEALTH

REQUIRED PHYSICAL EDUCATION

Course Offering: PHYSICAL EDUCATION
Course Offered: Semester 1 or Semester 2
Course Number: 091805

In this semester course, students will participate in the team sports of basketball, broomball, flag football, floor hockey, lacrosse, soccer, softball, speedball, volleyball, and ultimate Frisbee. Individual activities that promote lifetime fitness and personal wellness include aerobics, badminton, bowling, dance, golf, physical fitness, swimming, track and field, tennis, and weight training. Safety concepts, rules, and etiquette are emphasized in all activities. Credit achieved for this course meets state graduation requirements.

ELECTIVE PHYSICAL EDUCATION COURSE

Course Offering: PHYSICAL EDUCATION—COMPETITIVE GAMES (South View only)
Course Offered: Semester 1 or Semester 2
Course Number: 091806

This semester course is designed for students who desire an activity class that is highly competitive. Each class period consists of highly competitive games and tournaments in which winning teams/individuals are awarded points. Numerous individual and team activities are offered, including badminton, basketball, bowling, golf, football, floor hockey, soccer, speedball, swimming, tennis, team handball, ultimate frisbee, and volleyball. Safety concepts, rules and etiquette are emphasized in all activities.

Course Offering: HEALTH
Course Offered: Semester 1 or Semester 2
Course Number: 161402 261402
Grade Levels Offered: 9, 10, 11, 12

This course is designed for students to gain knowledge and attitudes to make informed decisions that enhance individual, family, and community health. Community Resource speakers, projects, simulations, and small group work will be used to augment the verbal and written work. Students will study areas of contemporary health issues. Course units include: Safety and First Aid; Nutrition and Fitness; Diseases and Disorders; Mental Health and Stress Management; Drug Use; and Healthy Relationships. Specific topics include: eating disorders, all sexually transmitted infections including HIV and means of transmission, abstinence and contraception, breast and testicular cancer, and drug use. Specific topics may determine the most appropriate grade level for a student to take Health. This is the same required course available to students in grades 10, 11, and 12 at Edina High School.

SCIENCE

REQUIRED SCIENCE COURSES

Course Offering: **PHYSICS**
Course Offered: **Full Year**
Course Number: **091904**

This full year Physics course emphasizes a conceptual understanding of the fundamental principles governing the universe. This solid foundation in Physics will prepare students for success in all other areas of science. This course will cover motion, forces, waves, sound and light, heat, electricity, magnetism, and nuclear physics. Problem solving and laboratory skills will also be emphasized. Credit achieved for this course meets state graduation requirements. Enriched sections will also be offered. To be considered for an enriched section, students must have a high interest in doing in-depth, advanced work in science; be placed in advanced algebra (strongly recommended); have the ability and willingness to express organized ideas, thoughts and concepts orally and in writing; be responsible and have highly-developed study skills. Teacher recommendations and standardized test scores will also be taken into consideration.

Course Offering: **ENRICHED PHYSICS**
Course Offered: **Full Year**
Course Number: **091974**

This course is offered as an option to students who have indicated by their achievement in science and mathematics courses that they are capable of higher level work. Though the subject matter is similar to Physics, the presentation is more rigorous and the problems and labs are demanding. Students must have a high interest in doing in-depth, advanced work in science; be placed in advanced algebra (strongly recommended); have ability and willingness to express organized ideas, thoughts and concepts orally and in writing; be responsible and have highly-developed study skills.

SOCIAL STUDIES

REQUIRED SOCIAL STUDIES COURSES

Course Offering: **U.S. GOVERNMENT**
Course Offered: **Full Year**
Course Number: **092004**

This course is designed to provide students with a comprehensive analysis of the authority, structure and procedure of American government. Major topics include the constitutional foundation, the politics of democracy and the roles of the executive, legislative and judicial branches in the federal system. Emphasis is placed on the rights and responsibilities of citizenship in a democracy. In addition, students should develop the skills of inquiry and research necessary to interpret and make judgments regarding government actions in a complex society and world. Contemporary events, as they relate to course topics, are discussed through the year. Credit achieved for this course meets state graduation requirements.

Course Offering: **ECONOMIC PRINCIPLES**
Course Offered: **Full Year**
Course Number: **092010**

In this year-long grade 9 economics course, students will analyze the systematic ways in which people address the problem of allocating scarce resources to satisfy unlimited wants with an emphasis on the American market system. Students will be introduced to the basic principles of micro- and macroeconomics through role-plays, manipulatives, simulations, both in class and on the computer as well as using field trips and guest speakers. Students will be expected to apply these principles to problems concerning individuals and businesses, and in making the bridge between government policy and the economy. There will also be an exploration of globalization and its impact on the United States and international economies. This course will also feature a hands-on approach to personal investment and finance. This will include taxes and taxation, budgets, debt, credit cards, banking systems and economic decision making. Credit achieved for this course meets state graduation requirements.

WORLD LANGUAGES

All grade 9 students are required to enroll in a world language class.

Course Offering: FRENCH IIB
Course Offered: Full Year
Course Number: 162204 262204

This course is a continuation of the grade 8 French curriculum. The class is taught primarily in French to promote oral and listening proficiency. Communication skills are emphasized and students are expected to speak French in class. In addition to deepening students' understanding of grammar, the units studied also promote students' cultural understanding as well as language development. *Prerequisite:* Successful completion of French II-A or teacher approval.

Course Offering: GERMAN I
Course Offered: Full Year
Course Number: 092213 292213

In this beginning German course, students acquire basic language skills as they engage in developmentally appropriate activities to study the daily life and culture of the people who speak German. Through activities which include games, songs, skits, and dialogues, students begin to develop the four basic skills: understanding spoken German, conversing on basic, everyday topics, reading simple prose, and writing with reasonable accuracy. Topics include greetings, colors, numbers, telling time, weather, the classroom, the family, the home.

Course Offering: GERMAN IIB
Course Offered: Full Year
Course Number: 162214 262214

This course is a continuation of the grade 8 German curriculum. The class is taught primarily in German to promote oral and listening proficiency. Communication skills are emphasized and students are expected to speak German in class. In addition to deepening students' understanding of grammar, the units studied also promote students' cultural understanding as well as language development. *Prerequisite:* Successful completion of German II-A or teacher approval.

Course Offering: LATIN FOR ACADEMIC SUCCESS
Course Offered: Full Year
Course Number: 162235 262235

This course is designed for students who have limited experience learning a world language. Students will learn basic structural forms of the Latin language with emphasis on expanding vocabulary and grammar. Students will be exposed to the culture of early and ancient civilizations, specifically Roman Egypt.

Course Offering: LATIN IIB
Course Offered: Full Year
Course Number: 162224 262224

This class is a continuation of the grade 8 Latin curriculum. In order to increase understanding of the basic forms, structures and cultures of Latin, students learn grammar and vocabulary through reading the ongoing storyline. Topics studied include history and daily life, as well as Roman Egypt. Vocabulary building, both in Latin and English, is a major goal of this class. *Prerequisite:* Successful completion of Latin II-A or teacher approval.

Course Offering: SPANISH I
Course Offered: Full Year
Course Numbers: 092232

This course is designed for students who have no previous experience in Spanish. Students learn basic Spanish expressions, vocabulary and structural forms. The emphasis of the class is on communication in the present tense in all four modalities (speaking, reading, writing and listening). Students will make cultural comparisons and connections with the Spanish-speaking world.

Course Offering: SPANISH IIA
Course Offered: Full Year
Course Number: 162233 262233

This course is designed for students who have taken some Spanish prior to grade 9, but who need additional time to master the objectives of that course. 9th graders signing up for Spanish IIA will be placed with other students, most likely 8th graders, who are also at the Spanish IIA level. Students will continue to develop communication skills while learning structural forms that are necessary in order to proceed on to Spanish II at Edina High School in grade 10. Students use video, tapes, dialogues, and other activities to perform and progress to the second level of oral and written proficiency. Spanish culture study continues at this level. *Prerequisite:* Instructor recommendation.

Course Offering: SPANISH IIB
Course Offered: Full Year
Course Number: 162234 262234

This course is a continuation of the grade 8 Spanish II-A curriculum. The class is taught primarily in Spanish to promote oral and listening proficiency. Communication skills are emphasized and students are expected to speak Spanish in class. In addition to deepening students' understanding of grammar, the units studied also promote students' cultural understanding as well as language development. *Prerequisite:* Successful completion of Spanish II-A or instructor approval.

EXTENDED FRENCH COURSES (VALLEY VIEW ONLY)

Course Offering: FRENCH LANGUAGE ARTS 9 (taught in French)
Course Offered: Full Year
Course Number: 092294

In this class students will study communication, listening, writing mechanics, thinking skills and reading in the French language. These language arts skills will also be emphasized and reinforced in the other French and English subject areas. Students will also have the opportunity to develop the cultural awareness necessary for international communication and understanding of attitudes and values of target cultures. A special emphasis is placed on French media and news in order to complete the middle level graduation standard in the traditional program's comparable Inquiry Arts class. The whole language instructional approach will utilize novels, various stories, magazines and videos.

Course Offering: ENRICHED FRENCH IV - IMMERSION (taught in French)
Course Offered: Full Year
Course Number: 092295

This course prepares students for AP French V. It includes a review of French grammar designed to meet the needs and learning styles of continuing immersion students as well as the history of France from its beginning to the Renaissance. Students also analyze current events in order to increase their vocabulary and cultural knowledge. This course is offered at Valley View Middle School for students who need a challenging enriched course in grade 9. *Prerequisites:* French Language Arts 8 AND successful placement test along with grade 8 teacher recommendation.

Course Offering: FRENCH CULTURE 9 (taught in French)
Course Offered: Full Year
Course Number: 092792

Building on the French Culture grade 8 course, students will continue to learn about French culture through its art, music, and traditions. The students will compare the French media to their own (television, advertising, and comic strips). Students will also study transportation systems (planes, trains, subway, cars) and what they would need to know in order to travel within Paris and utilize hotels, restaurants, museums, and banks, etc. This class is intended to assist students in the transition from elementary school to the middle school. They will be presented with a curriculum that includes organizational, study, test-taking and interpersonal skills. It also provides individual or group study time, assistance from teachers and an opportunity for service activities. Band and orchestra students participate in