

ENGLISH

NEISD #: 0800 ENGLISH 8 GT

Description: The theme for grade 8 in the differentiated curriculum is Discovery of Self. “Classical literature is stressed, along with structured essay writing as well as creative types of writing. The materials chosen offer an appropriate challenge in all areas of language arts.

Term: Full Year

Prerequisites: Previous enrollment in the North East ISD GT English Program or qualification for Middle School GT English Program

NEISD#: 0801 ENGLISH 8 PreAP

Description: This is a rigorous college preparatory course that prepares students for success when they take Advanced Placement and other challenging courses in high school. Added to this specialized curriculum are advanced grammar and logic, such as inference and generalization: literature of various genres, periods, and cultures: multi-paragraph essays for a variety of purposes and audiences; oral presentations and listening skills; study skills; and research involving documentation.

Term: Full Year

Prerequisites: Successful Completion of English 7

NEISD# 0803 ENGLISH 8

Description: English 8 continues to provide training for students in these language arts skills; writing, reading, viewing, speaking, listening, and producing. The scope and sequence covers (1) language and grammar; (2) literature; (3) cumulative sentences, multi-paragraph papers & editing skills; (4) oral presentations & listening skills, library reports, and research with documentation.

Term: Full Year

Prerequisites: English 7

NEISD #0499 RECENT ARRIVALS' SOL

Description: The focus of the class will be on the needs of recent arrivals that speak little or no English and score an A or B on the oral IPT. Using ESL textbooks and approaches, the teacher will provide English language development, academic development, and cultural adjustment support. The teacher and assistant may also help at this time in tutoring for the content areas.

Term: Full Year

Prerequisites: LPAC Committee Decision

NEISD #: 0974 ENGLISH 8/SOL

Description: This required course for LEP students will continue to provide training for students in these language arts skills: writing, reading, viewing, speaking, listening, and producing. The scope and sequence covers (1) Language and Grammar; (2) Literature and Personal Training; (3) Sentence Structure, Multi-paragraph essays, editing skills; (4) Oral presentations and listening skills; (5) Study

skills, library reports and research with documentation. Expectations apply to the LEP student at his/her level of proficiency in English.

Term: Full Year

Prerequisite: English 7 and LPAC Decision

MATHEMATICS

NEISD #: 2312 ALGEBRA 1 G/T

Description: This course is the bridge to the abstract study of mathematics. Topics: the real number system and its properties linear equations and inequalities (one and two variables), algebraic polynomials, rational expressions, roots and radicals, functions, and quadratic equations. Relevant problem solving is interwoven. The use of graphing calculators and computers is integrated throughout the curriculum. To be successful in this course a student must have a strong foundation in all the pre-algebra skills.

Term: Full Year

Prerequisites: Previous enrollment in the North East ISD G/T Math Program or qualification for the Middle School GT Math Program.

NEISD #: 2314 ALGEBRA 1 PreAp

Description: This course is designed for the student who intends to take calculus in high school. It is the bridge to the abstract study of mathematics. Topics: the real number system and its properties, linear equations and inequalities (one and two variables), algebraic polynomials, rational expressions, roots and radicals, functions, and quadratic equations. Relevant problem-solving is interwoven. The use of graphing calculators and computers is integrated throughout the curriculum. To be successful in this course a student must have a strong foundation in all the pre-algebra skills.

Term: Full Year

Prerequisites: Successful Completion of 7th Grade Math PreAp.

NEISD #: 0823 MATH 8

Description: Designed to be transition into the abstract mathematics of algebra at the high school level, the curriculum is focused on preparing all students to enter Algebra I in the ninth grade. Sixth and seventh grade topics are extended with emphasis placed upon the pre-algebra skills of Cartesian graphing, operations involving integers, and the concepts of variables and equations as mathematical models.

Term: Full Year

Prerequisites: None

NEISD #: 0822 MATH WORKSHOP

Description: Mathematics workshop is designed to provide intensive, targeted intervention for students who have been identified through the Student Success Initiative guidelines, as at-risk for math difficulties. Students enrolled in this class must also be enrolled in

an appropriate mathematics class.

Term: Full Year

Prerequisites: Students Identified through SSI Guidelines

READING

NEISD #: 0816 ADVANCED CONTEMPORARY LITERACY

Description: This reading course, designed for students possessing advanced reading skills, is a research-based course in which students apply those reading skills in problem-solving, project-based assignments requiring research. At sixth grade, this rigorous class focuses on nonfiction reading, oral presentation, and written expression. Strategies, such as Socratic seminar and student portfolios, encourage higher level thinking and discussion concerning contemporary cross-curricular issues.

Term: Full Year

Prerequisites: Student must meet appropriate entry criteria.

NEISD #: 0818 READING

Description: In Reading 8, students refine and master previously learned language arts and reading skills in increasingly complex reading selections. They continue to receive instruction in higher level reading skills while reading widely in classic and contemporary selections and informational texts. Emphasis is on comprehension, vocabulary and thinking skills in an interactive environment so that students: listen actively; speak/talk to construct; read, write, and view critically. Significant blocks of time are provided for reading independent, instructional and recreational materials.

Term: Full Year

Prerequisites: None

SCIENCE

NEISD #: 0834 SCIENCE 9 PreAP

Description: This course will include the standard eighth grade science TEKS with an emphasis on extending the Matter and Energy, Force, Motion and Organisms and Environment strands so that students have the necessary background to be successful in PreAP in high school courses.

Term; Full Year

Prerequisites: Science 7

NEISD #: 0833 SCIENCE 8

Description: This course uses lab and field investigations, scientific investigation and reasoning and the tools of science to develop problem solving and critical thinking skills while learning concepts such as atoms and the periodic table; chemical reactions, formulas and balanced equations; Newton's Laws of motion; Sun, Earth and Moon systems; plate tectonics; weather patterns and climate and interactions between organisms in the environment.

Term: Full Year

Prerequisites: None

SOCIAL STUDIES

NEISD #: 0847 U.S. HISTORY 8 PreAp

Description: This advanced level course is an enriched and more comprehensive coverage of the regular U.S. History course, based on a set of content-specific strategies designed to introduce skills, concepts and assessment methods that prepare students for success when they take Advanced Placement and other challenging courses in high school. The course will include the regular 8th grade U.S. History TEKS, with an emphasis on learning and writing skills.

Term: Full Year

Prerequisites: Texas History 7

NEISD #: 0843 U.S. History

Description: Students study the history of the United States from the early colonial period through Reconstruction. Historical content focuses on the political, economic, and social events and issues related to the colonial and revolutionary eras, the creation and ratification of the U.S. constitution, challenges of the early Republic, westward expansion, sectionalism, Civil War, and Reconstruction. Students use critical-thinking skills, including the identification of bias in written oral and visual material.

PHYSICAL EDUCATION

NEISD #: 0505 ATHLETICS 8

Description: This course will include instruction for boys in the sport of football, basketball and track. Instruction for girls will be volleyball, basketball, and track. Basic motor skills will be taught, as well as higher forms of physical skills that are required of athletes. A high degree of physical and cardiovascular fitness will be emphasized. Emphasis will also be placed on teaching good sportsmanship and developing a respect for other athletes and coaches in order to insure a quality educational experience.

Term: Full Year

Prerequisites: Coach's Recommendation, Physical required

NEISD #: 0853 / 0851 PHYSICAL EDUCATION

Description: This course will include instructions and opportunities in motor skills for efficient movement, participation in individual, dual and team sports, development of a high level of personal and physical fitness, and knowledge and skills for leisure and life-time sports activities.

Term: Full Year / Semester

Prerequisites: None

ELECTIVES

NEISD #: 0291 / 0291ES ACADEMIC & INDIVIDUAL MOTIVATION (AIM)

Description: This class is designed as an enrichment opportunity for students to review academic concepts, seek assistance in solving academic problems, promote independent skills in time management, learn strategies for success such as vocabulary development, agenda use, binder organization, goal setting and character education.

Term: Full Year / Semester

Prerequisites: None

NEISD #: 0451 / 0452 ART GRADE 8

Description: Eight Grade Art defines a variety of concepts directly related to the art elements and principles through experiences with media and tool in design, drawing, painting, printmaking, sculpture, ceramics, fiber art, photographic imagery, and electronic media-generated art; analyzes technological, historical and cultural influences on artwork; and evaluates artworks through discussion and critique.

Term: Full Year / Semester

Prerequisites: None

NEISD #: 0472 BAND III

Description: This course is designed for students who have completed one or two years of study on their band instrument but who have not yet achieved a level of excellence commensurate with being named to and advanced band. The students will continue to strive to achieve this level in hopes of being placed in an advanced band after the second year of study.

Term: Full Year

Prerequisites: Audition, Teacher Recommendation

NEISD #: 0463 CHOIR III

Description: The advanced level of choir is offered to those students who have attained performance proficiency commensurate with the ability grouping for a specific choral group (i.e. mixed choir, boy's choir, treble choir, etc.). Students enrolling in an advanced class should have a serious interest in singing. They will participate in concerts, programs, and UIL competitions, which require rehearsal and practice outside the school day.

Term: Full Year

Prerequisites: Audition, Teacher Recommendation

NEISD #: 0218 DEBATE II

Description: First semester topics: logic, persuasion, and speaking and debate format. Competitive events covered in the class will

include impromptu speaking, modern oratory, and Lincoln Douglas debate. Second semester topics: philosophy, current events, and debate formats. Students in both semesters will research, write, and present original works as well as critically evaluate works from others. Competitive events covered in the class will include Student Congress, and Public Forum debate.

Term: Full Year

Prerequisites: Debate I

NEISD #: #0416 - FAMILY AND CONSUMER SCIENCES

Description: The goal of this laboratory course is to create a culture of high expectation and continuous improvement that provides middle school students with a foundation for success in high school, future studies, and careers. Students explore college and career planning within Family and Consumer Sciences. This may include, but is not limited to, areas of study in child development, clothing construction and interior design. Emphasis will be placed on basic clothing construction. Students will research labor market information, learn job-seeking skills, and create documents required for employment. Students use self-knowledge to explore and set realistic goals.

Term: Spring Semester

Prerequisites: None

NEISD #0417 - FOODS AND NUTRITION

Description: The goal of this laboratory course is to create a culture of high expectation and continuous improvement that provides middle school students with a foundation for success in high school, future studies, and careers. Students explore college and career planning within Foods and Nutrition. Students will develop basic culinary skills, research labor market information, learn job-seeking skills, and create documents required for employment. Students use self-knowledge to explore and set realistic goals.

Term: Fall Semester

Prerequisites: None

NEISD 0476 – JAZZ BAND

Description: This course is offered as an added opportunity for those students in band who desire a course in studying music of the popular idiom. Students will be encouraged to learn beginning skills in improvisation and to increase their performance skills on their instrument.

Prerequisites: Audition, Teacher Recommendation

NEISD #: 0410 (PAL) – JUNIOR PEER ASSISTANCE AND LEADERSHIP

Description: The Peer Assistance and Leadership (PAL) course is a program in which selected middle school students are trained to work as peer helpers and peer mediators and community service learners with students either on their own campus or from feeder elementary schools.

Term: Full Year

Prerequisites: Teacher Recommendation, Application & Interview required.

NEISD #: 0421 – ROBOTICS

Description: This course provides students with a working knowledge of methods for design and analysis of robotic and intelligent systems. Particular attention is given to modeling dynamic systems, measuring and controlling their behaviors and making decisions about future courses of action and programming.

Term: Full Year

Prerequisites: None

NEISD #: 5314 SPANISH 1B

Description: Spanish 1B is the second year of the middle school two year programs. This is a continuation of the formal study of the Spanish language. The program is designed to allow students more time to acquire the fundamental language skills of listening, speaking, reading, and writing Spanish. The middle school Spanish 1 program emphasizes the development of oral language, the study of introductory vocabulary, pronunciation and grammar. The culture of the Spanish-speaking world is integrated into all aspects of the course.

Term: Full Year

Prerequisites: Spanish 1A

NEISD #: 0483 STRING ORCHESTRA III

Description: This course is offered to those students who wish to study orchestral literature and who have attained a certain level of performance capability. Members of this organization will perform at UIL competitions and at concerts, and should be prepared to spend time outside of the school day preparing for these performances.

Term: Full Year

Prerequisites: None

NEISD #: STUDENT AIDE

Description: This course provides the opportunity for students to develop and practice office skills and responsible behavior patterns under the supervision of teachers or office personnel. Emphasis is placed on interpersonal relationships as well as clerical and communication skills, telephone techniques, record keeping, office protocol, and decision making.

Prerequisites: Application Required.

NEISD #: 0839 TECHNOLOGY APPLICATION

Description: The Technology Application curriculum for middle school includes the Texas Essential Knowledge and Skills identified by the Texas Education Agency. This curriculum has four strands: foundations, information acquisition, work in solving problems, and communication. The course provides students an opportunity to acquire information in a variety of ways. Students complete projects involving work processing, databases, spreadsheets, multimedia, desktop publishing, graphics, and telecommunications.

Term: Semester

Prerequisites: None

NEISD #: 0421 TECHNOLOGY EDUCATION

Description: This overview course increases the student's understanding of the development and use of technology. The course provides an introduction to technology in the areas of bio-related technology, communication, computer applications, construction, energy, power, transportation, and manufacturing. Using hands-on problem solving and creative activities, students develop and understanding of technology and its impacts. Activities may include designing and making products, assessing technology, using computers, investigating solar energy, and using tools and machines.

Term: Full Year

Prerequisites: None

NEISD #: 0354 / 0363 THEATRE ART III

Description: This is an advanced level course that allows the student to study in depth the various aspects of theatre performance. Emphasis is place don the development of the individual actor and the honing of performance skills focusing toward the presentation of the final dramatic production.

Term: Full Year / Semester

Prerequisites: Theatre Art I or II, Teacher Recommendation

SPECIAL EDUCATION

NEISD #: 0508 ENGLISH LAB

Description: This course is designed for students who are functioning below grade level and/or have behavioral/emotional factors affecting the learning process. Emphasis is placed on written language, reading, grammar, listening, comprehension and problem solving sills. Essential knowledge and skills, pacing or materials of the regular curriculum may be modified to meet individual student needs.

Term: Full Year

Prerequisites: Qualified Special Education Student, ARD/IEP Committee Recommendation

NEISD #: 0518 READING LAB

Description: This course is designed for students who are functioning below grade level and/or have behavioral/emotional factors affecting the learning process. Emphasis is placed on developing basic reading skill, vocabulary development, comprehension and study skills. Essential knowledge and skills, pacing or materials of the regular curriculum may be modified to meet individual student needs.

Term: Full Year

Prerequisites: Qualified Special Education Student, ARD/IEP Committee Recommendation

NEISD #: 0528 MATH LAB

Description: This course is designed for students who are functioning below grade level and/or have behavioral/emotional factors affecting the learning process,. Emphasis is placed on developing computational skills, problem solving and basic math survival skills using visual and tactile approaches. Essential knowledge and skills, pacing or materials of the regular curriculum may be modified to meet individual student records.

Term: Full Year

Prerequisites: Qualified Special Education Student, ARD/IEP Committee Recommendation

NEISD #: 0550 ADPTIVE PHYSICAL EDUCATION

Description: This program is designed for students who cannot successfully participate in the regular physical educational program. Individualized testing and instruction include developmental games, remedial exercises, motor task, special exercises as prescribed by a physician or physical therapist, recreational skills for leisure sports, and Special Olympics training.

Term: Full Year

Prerequisites: Qualified Special Education Student, ARD/IEP Committee Recommendation

NEISD #: 0555 RESORCE

Description: This course is providing tutorial or remedial assistance to students in mainstream classes. Emphasis is placed on development or organizational and study skills.

Term: Full Year

Prerequisites: Qualified Special Education Student, ARD/IEP Committee Recommendation

NEISD #: 0557 ADAPTIVE RESOURCE

Description: This course is designed for self-contained students who need more functional academic and/or behavioral support as specified by ARD-IEP Committee. Emphasis is placed on providing a highly structured environment for self-contained students who have difficulty with the typical middle school schedule.

Term: Full Year

Prerequisites: Qualified Special Education Student, ARD/IEP Committee Recommendation