

KSTM
5th Grade Courses
2022-2023

Math 5 (040031 / 040032)

This course covers the 5th grade mathematics content standards. Students will work with whole numbers, decimals, and fractions, study metric and standard measurement systems, learn geometric concepts, interpret and analyze data, and develop and solve equations and real-life problems.

This course meets for a full block every day all year.

English Language Arts Grade 5 (010051 / 010052)

This course supports student mastery of fifth grade language arts standards and focuses on development and application of skills in grade level reading, writing, speaking, listening, and multiple literacies. Students will read a variety of literary and informational texts and write in a variety of modes using numerous tools and organizational frameworks. Students will also learn appropriate and safe use of digital tools related to research. *This course meets for a full block every day all year.*

Science 5 (060081 / 060082)

This course continues the standards of scientific inquiry as well as the integration of unifying concepts and processes in science experiences. In this course the emphasis will be focused on energy in Earth's systems, force and motion, energy, heredity, and flow of matter and energy in ecosystems. Students will be taught in a fully equipped science lab. This course will integrate electronic media and communication skills in its content.

This course meets for a full block every other day all year.

Social Studies 5 (035011 / 035012)

This course will include the study of the historic period of early peoples in the United States to the Constitution. The course will integrate the following content standards throughout the school year: culture, history and geography, economics, citizenship and government. This course will integrate electronic media and communication skills in its content.

This course meets for a full block every other day all year.

Computer Applications 1 (130001)

This middle-level course is designed to emphasize digital citizenship, basic computer operations, word processing applications, spreadsheet applications, presentation applications, and technology communication tools. Students will master keyboarding skills; compose, create, edit, and format word processing documents; organize and manipulate data in a spreadsheet; and prepare a formal presentation.

This course meets for a full block every other day for a semester.

MS Exploratory 5 (260141)

Project based course covering the scientific/engineering process. Students will work individually and in teams to complete projects using Science Technology Engineering Art and Math, including presentations.

This course meets for a full block every other day for a semester.

Physical Education 5 (070131 / 070132)

This course is designed to include a wide variety of sporting activities and teach the qualities of sportsmanship, competition and fitness. It includes learning the rules and regulations for the major sports of volleyball, wrestling, basketball, soccer, and track and field events. Students also participate in a variety of leisure and lifetime activities including badminton, aerobics and more. **Students do not dress out for PE but need to have appropriate foot wear.**

This course meets for a half block every other day for the whole year.

STUDENTS WILL CHOOSE 1 OF THE FOLLOWING PERFORMING ARTS OPTIONS**Beginning Band (195031/195032)**

This course is offered to students who have demonstrated an aptitude for and interest in instrumental music. Beginning instrumental technique and appropriate musical understandings are introduced through "method" studies and selected band arrangements. Students will need to secure their own instruments so that home practice is possible. Changeover instruments may be provided by the school district. Performance may be included as an extension of classroom activities.

This course meets for half a block every other day for the whole year.

Beginning Strings (190701/ 190702)*Should have taken Strings in 4th grade)

This course is a beginning ensemble for fifth grade students who wish to learn to play a string instrument (violin, viola, cello or bass). Bowing technique, note and rhythm reading, and basic music concepts will be introduced through method studies. Performances will be required.

This course meets for half a block every other day for the whole year.

General Vocal Music 5 (195051)(195052)

In this course fifth grade students will explore music as part of everyday life, including studying various styles, understanding musical elements and experimenting with aspects of performance.

This course meets for a half block every other day for the whole year.

Students who qualify for English Language Learner services will enroll in the following courses, based on level.

ESL Reading A – (153241/153242)

This course is designed to build reading skills in English for the beginning ESL student. The focus will be to provide successful experiences in reading English at a beginning level, while building skills in recognizing basic sight words, using context clues and prior knowledge to derive *This course meets every day for a whole year.*

ESL Reading B – (153251/153252)

This course is designed for intermediate ESL students to improve reading skills. Emphasis is on developing comprehension skill through fluency, summarizing and sequencing events in a reading passage, recognizing cause and effect, and using systematic strategies to locate information from textbooks, charts, graphs, and tables. Successful completion of learning goals from ESL Reading A or demonstration of equivalent skills is required for registration in this course. *This course meets every day for a whole year.*

ESL Language Arts A – (153171/153172)

This course is offered daily and worth 2 credits due to double seat time. This course is designed for the beginning ESL student. The focus of this course will be to develop basic communication skills, a beginning English language vocabulary, and a primary understanding of grammatical structures. This course is typically for a first-year English language learner. *This course meets every day for a whole year.*

ESL Language Arts B – (153131/153132)

This course is designed for the intermediate ESL student. The focus of this course will be to continue the development of basic communication skills, English language vocabulary, and more advanced grammatical structures. This course is typically for a second-year English language learner. *This course meets every other day for a whole year.*

ESL Transitions – 153161

This is the first semester of a year course. This course is designed for advanced ESL students with a focus on developing increased fluency and comprehension in reading more advanced materials and use a wide-range of strategies to construct oral and written claims and support them with reasoning and evidence. Successful completion of learning goals from ESL B or demonstration of equivalent skills is required for registration in this course. *This course meets every other day for a whole year.*

5th Grade Example Schedule

PERIODS	A day	B day
1 ST	PE	Middle School Exploratory or Computer Apps
2nd	Music Choices Band/Strings/General Vocal	
ADVISORY	ADVISORY	ADVISORY
3/4 block	SCIENCE	SS
5/6 block	MATH	MATH
7/8 block	ELA	ELA