

East Elementary Course Catalog 2025-2026 School Year

The online virtual courses listed below are non-essential pursuant to Section 166b(3) of the State School Aid Act, MCL 388.1766b(3), are not an extracurricular activity, are capable of generating credit, or grade progression. All courses in this catalog, including Optional Extended Learning Opportunities (ELOs), have been approved by the IMPS Board of Education and are offered and available to full-time pupils of the same age and grade level and meets the same standards and requirements that apply to a full-time in-seat pupil's participation in an equivalent course.

The courses listed below have specific ELO components that provide academic enrichment that are optional and do not generate grades, or aid course completion, or grade progression. The ELOs are offered and available at the Iron Mountain Homeschool Partnership located at 800 East E Street.

Online classes can be taken once and shall not be counted as more than .75 of a full-time equated membership per pupil (can not enroll in more than 5 courses per year). Multiple levels of certain online courses are offered and can be taken by the same student in subsequent academic years. Materials for the online courses are available within the virtual environment. The District will provide computers and associated software costs as well as offer to provide district-filtered internet services as requested. For a comprehensive list of all online platforms utilized by the district, please see Appendix A.

This course catalog contains all courses for East Elementary Iron Mountain Public School Students. These courses are available to all Traditional and Non-Traditional Students at IMPS. If interested, contact the Homeschool and Virtual Education Director: Samantha Roberts at imhp-robertss@imschools.org

(This is a Public School shared-time program utilizing virtual courses. These courses are offered to Iron Mountain traditional in-building full-time students, 5-O-D students, 5F students, 5G students, and 5E students. Courses for all students are the same, follows Iron Mountain Public Schools' public pupil grading scale, same course length, is on pupil schedules, is board approved, is a nonessessential elective course, generates credit, and is maintained by an Iron Mountain Michigan-Certified Teacher of Record.)

FIFTH GRADE CORE TRADITIONAL AND VIRTUAL ONLINE (OL)

Reading/Literature:

- Study Skills
- Exposure to all genres using novels (mystery, realistic animal, adventure, historical, fantasy, fable, myth, science fiction, human interest, tall tales, poetry)
- Demonstrate comprehension: Characterization, Sequencing, Cause/effect, Fact/opinion, Expanding vocabulary, Story mapping
- Read conventional literature

- Read literature with social studies content

Mathematics:

- Understand division of whole numbers, relate division to fractions, and write mathematical statements
- Multiply and divide whole numbers, multiply multi-digit numbers by a two-digit number, explain common computational errors, and divide fluently up to a four-digit number by a two-digit number
- Prime factorizations of whole numbers, express in exponential notation, and understand that whole numbers can be expressed as a product of primes.
- Understand meaning of decimals, fractions, and percentages, the magnitude of ones, tenths, and hundredths, percentages as parts out of 100, use % notations, and express a part of a whole as a percentage
- Understand fractions as division statements; find equivalent fractions; multiply and divide fractions, add and subtract fractions using common denominators; multiply and divide by powers of ten; solve applied problems with fractions; express, interpret, and use ratios; find equivalences
- Know, and convert among, measurement units within a given system; find areas of geometric shapes using formulas; understand the concept of volume
- Know the meaning of angles, and solve problems about geometric shapes
- Construct and interpret line graphs; find and interpret mean and mode for a given set of data
- Algebra concepts and skills; algebraic expressions

Social Studies

- Students will focus primarily on the study of the early history of the United States, through the Westward Expansion, Geography, Economics, and Civic Responsibility are included in this study. People of the Americas, North America Explorers, Colonization, American Revolution, Structure of the U.S. Government, Westward Expansion, Core Democratic Values

Science:

- Scientific Method
- Micro Worlds: Magnification/field of view, using microscopes, preparing slides, discovering everyday objects at microscopic levels, Discovering living organisms, Atoms, and molecules
- Plants: Cells, Basic structure and function of plants, Life Cycle of a flowering plant, Photosynthesis, Respiration, Producers, Consumers, Decomposers
- Classifying Animals: Invertebrates/Vertebrates, Animal Kingdom
- Sounds: vibration, pitch, intensity, sound waves, ear tuning forks
- Electricity: Static electricity, current electricity, build series/parallel circuit, magnets
- Laws of Motion: Gravitational force and space
- Machines: Simple, Complex, Compound
- States of Matter: Chemical Reactions, Periodic Table
- Presenting Functional Inventions: science fair
- Solar Energy: Solar Ovens

- Weather and Atmosphere

SIXTH GRADE CORE TRADITIONAL AND VIRTUAL ONLINE (OL)

Reading/Literature:

- Word Recognition and Word Study: Sentence structure, word analysis, reading strategies
- Narrative Text: Character analysis, style, dialogue, plot, themes, imagery
- Informational Text: Analyze genre, recognizing patterns, text features
- Comprehension: Prior knowledge, summarization, universal themes, truths, principles, application of knowledge from Social Studies and Science
- Metacognition: Self-monitoring strategies, comparison of standards
- Reading Attitude: Reading on their own, with enthusiasm

Mathematics:

- Place value with decimals
- Rounding
- Addition, subtraction, multiplication, and division with decimals
- Addition and subtraction of fractions
- Multiplication and division of fractions
- Converting fractions and decimals
- Understanding integers
- Using exponents
- Calculating rates
- Finding percentages
- Graphing on the coordinate plane
- Writing expressions, and equations using variables
- Solving equations
- Converting with measurement systems
- Finding volume and surface area
- Understanding probability
- Understanding and applying basic geometric properties
- Problem Solving

Social Studies

- Students will focus primarily on the study of the Western Hemisphere, which includes history, geography, and economics. Core democratic values are studied throughout the curriculum
- Five themes of geography: location, place, human environmental relationships, movement, and region
- Map Skills: latitude and longitude scale, elevation, projection, terminology, types of maps, graphics, timelines
- Canada: history
- Canada: maritime provinces
- Canada: Ontario and Quebec
- Canada: prairie provinces

- Canada: British Columbia and territories
- Modern Canada
- Mexico: Indian civilizations, historical development, geography, climate, economics, cultural influences
- Central America: history, geography, climate, population, economics, governments, current issues
- South America: Northern and Andean countries, Southern Cone, Brazil history, Indian Civilizations, Spanish conquest, geography, climate, economics, government, and current issues
- Caribbean: history, geography, economics, cultural diversity, current issues
- Economics
- Core democratic Values

Science:

- Scientific method and problem solving
- Kinetic and potential energy
- Ecosystems
- Geologic time
- Landforms and the solid Earth
- Rocks, minerals, and soil
- Plate tectonics

SPECIALS (Traditional)

- Music
- Band
- P.E.
- Art
- Technology

Note: The skills developed in Art, Music, Dance/Movement, Technology, and Physical Education go well beyond physical and musical skills. They provide strong connections for readiness in reading and mathematical skill development. Demonstrate eye/hand and eye/foot coordination in various activities.

To see a comprehensive list of Michigan State Academic Content Standards by grade level, visit <https://www.michigan.gov/mde/services/academic-standards>. Appendix A contains links to Iron Mountain's core virtual vendor platforms, where course standards and syllabi can be accessed. Please contact Samantha Roberts at imhp-robertss@imschools.org to request copies of specific course standards, scope and sequence, or syllabus.

Specials/Elective/Non-Essential (Traditional and Non-Traditional) (ONLINE)

These specific online virtual courses are non-essential and available to all traditional and non-traditional students enrolled through Iron Mountain Public Schools. These courses below are an alternative and exchange to any

Specials/Elective/Non-Essential (Traditional and Non-Traditional). See Page 1 of this course catalog for additional information.

The following specific Online Virtual Courses have an Optional Extended Learning Opportunity (ELO) component. Optional Extended Learning Opportunity components are OPTIONAL and do not generate grade, course completion, grade progression, or FTE.

Iron Mountain Teachers of Record are responsible for the content, delivery, quality, and assessment components of the online virtual courses within the established timeline.

ONLINE VIRTUAL COURSES are Anytime and Anyplace and with a flexible pace.

Students interested in taking an online virtual course must see the Homeschool and Virtual Director, Samantha Roberts, for the listing of courses available and the registration materials. If interested in any Online Virtual course and/or the Optional ELO component, contact Samantha Roberts at imhp-robertss@imschools.org

PHYSICAL EDUCATION

Elementary Phy. Ed. 5 (Online)

080109

Grade:5

Online Virtual Course Vendor: Google Classrooms and Edmentum

Online Virtual Course Term: Semester or Full Year

Optional ELO (non-credit, non-grade, non-course completion, non-FTE generating) **Location:** East,

Optional ELO (non-credit, non-grade, non-course completion, non-FTE generating) **Time:** Thursday

2:00-3:15

Teacher of Record: Samantha Roberts

Elementary Phy. Ed. is a Grade-level specific course that emphasizes the knowledge, experience, and opportunity to develop skills in more than one conditioning activity and fitness exploration including: • Physical Fitness skills • Exercise safety • Making healthy choices • Eating right • Parts of the body • and Teamwork. This course covers standards in Elementary and does not have any prerequisites.

Elementary Phy. Ed. 6-OL (Online)

08110

Grade 6

Online Virtual Course Vendor: Google Classrooms and Edmentum

Online Virtual Course Term: Semester or Full Year

Optional ELO (non credit, non grade, non course completion, non FTE generating) **Location:** East

Optional ELO (non credit, non grade, non course completion, non FTE generating) **Time:** Thursday

1:00-2:00

Teacher of Record: Matt Wonders

Elementary Phy. Ed. is a grade-level specific course that learners establish a basic understanding of health and fitness. Students focus on health-related fitness and learn how to become more fit and healthy. Topics of study include warm-up and cool down, water safety, goal setting, nutrition, muscle strength and flexibility. In addition, students learn age-appropriate motor, non-locomotor, and manipulative skills.

Students are required to participate in regular physical activity. This is a course that covers standards for Elementary and does not have any prerequisites.

MUSIC

Music 5 (Online)

05135

Grade: 5

Online Virtual Course Vendor: Google Classrooms

Online Virtual Course Term: Semester or Full Year

Optional ELO (non credit, non grade, non course completion, non FTE generating) Location: East,

Optional ELO (non credit, non grade, non course completion, non FTE generating) Time:Thursday 10:00-10:30, 10:30-11:00, 11:00-11:30, 11:30-12:00, 12:30-1:00, 1:30-2:00, 2:00-2:30, 2:30-3:00

Teacher of Record: Dawn Kranz

This Music grade level specific course emphasizes theory application, exploring musical compositions, understanding music as creative expression and communication, and refining the ability to discern and critique musical compositions. This is a continuation course that covers standards in Elementary and does not have any prerequisites.

General Music 5 (Online)

55139

Grade: 5

Online Virtual Course Vendor: Google Classrooms

Online Virtual Course Term: Semester or Full Year

Optional ELO (non-credit, non-grade, non-course completion, non-FTE generating) Location: East,

Optional ELO (non-credit, non-grade, non-course completion, non-FTE generating) Time:Thursday 9:00-10:00

Teacher of Record: Dawn Kranz

This music grade level specific course emphasizes group concepts of music. Students will learn the basics of movement, rhythm, group singing, listening, music games, and group drumming This is a course that covers standards in Elementary and does not have any prerequisites.

Music 6 (Online)

05136

Grade: 6

Online Virtual Course Vendor: Google Classrooms

Online Virtual Course Term: Semester or Full Year

Optional ELO (non-credit, non-grade, non-course completion, non-FTE generating) Location: East,

Optional ELO (non-credit, non-grade, non-course completion, non-FTE generating)Time:Thursday 10:00-10:30, 10:30-11:00, 11:00-11:30, 11:30-12:00, 12:30-1:00, 1:30-2:00, 2:00-2:30, 2:30-3:00

Teacher of Record: Dawn Kranz

This Music grade level specific course emphasizes theory application, exploring musical compositions, understanding music as creative expression and communication, and refining the ability to discern and critique musical compositions. This is a course that covers standards in Elementary and does not have any prerequisites.

General Music (Online)

05139

Grade: 6

Online Virtual Course Vendor: Google Classrooms

Online Virtual Course Term: Semester or Full Year

Optional ELO (non-credit, non-grade, non-course completion, non-FTE generating) Location: East,

Optional ELO (non-credit, non-grade, non-course completion, non-FTE generating) Time: Thursday 9:00-10:00

Teacher of Record: Dawn Kranz

This music grade level specific course emphasizes group concepts of music. Students will learn the basics of movement, rhythm, group singing, listening, music games, and group drumming. This is a course that covers standards in Elementary and does not have any prerequisites.

ART

Art Crafts 5 (online)

05165

Grade: 5

Online Virtual Course Vendor: Google Classrooms

Online Virtual Course Term: Semester or Full Year

Optional ELO (non-credit, non-grade, non-course completion, non-FTE generating) Location: East,

Optional ELO (non-credit, non-grade, non-course completion, non-FTE generating) Time: Thursday 10:11:45-12:45, 1:00 - 2:00

Teacher of Record: Samantha Roberts

Art Crafts is a grade-level specific online course that help students apply fundamental processes of artistic expression to the materials and accompanying aesthetics of crafts. This course focuses on only one type of craft with specific mediums, creative food art. This course covers standards in Elementary and does not have any prerequisites.

Art 5 (online)

05185

Grade: 5

Online Virtual Course Vendor: Google Classrooms

Online Virtual Course Term: Semester or Full Year

Optional ELO (non-credit, non-grade, non-course completion, non-FTE generating) Location: East,

Optional ELO (non-credit, non-grade, non-course completion, non-FTE generating) Time: Thursday 11:15-12:15, 2:15-3:15

Teacher of Record: Samantha Roberts

Art is a grade-level specific online course that introduces and reinforces students' understanding in the forms of art. Helping them form an aesthetic framework. Through this framework, they can process, judge, and critique art. These courses also explore the place and significance of art in their current society. The elements and principles of art and influential artists throughout history are introduced with growth toward mastery. This is a course that covers standards in Elementary and does not have any prerequisites.

Art Crafts 6 (online)

05165

Grade: 6

Online Virtual Course Vendor: Google Classrooms

Online Virtual Course Term: Semester or Full Year

Optional ELO (non-credit, non-grade, non-course completion, non-FTE generating) Location: East,

Optional ELO (non-credit, non-grade, non-course completion, non-FTE generating) Time: Thursday 10:11:45-12:45, 1:00 - 2:00

Teacher of Record: Samantha Roberts

Art Crafts is a grade -level specific online course that help students apply fundamental processes of artistic expression to the materials and accompanying aesthetics of crafts. This course focuses on only one type of craft with specific mediums, creative food art. This course covers standards in Elementary and does not have any prerequisites.

Art 6 (online)

05186

Grade: 6

Online Virtual Course Vendor: Google Classrooms and Edmentum

Online Virtual Course Term: Semester or Full Year

Optional ELO (non-credit, non-grade, non-course completion, non-FTE generating) Location: East,

Optional ELO (non-credit, non-grade, non-course completion, non-FTE generating) Time: Thursday 11:15-12:15, 2:15-3:15

Teacher of Record: Kristin Stanchina and Samantha Roberts

Art is a grade level specific online course that introduces and reinforces students' understanding in the forms of art. Helping them form an aesthetic framework. Through this framework they can process, judge, and critique art. These courses also explore the place and significance of art in their current society.. This is a course that covers standards in Elementary and does not have any prerequisites.

Drama 5 (online)

05075

Grade: 5

Online Virtual Course Vendor: Google Classrooms

Online Virtual Course Term: Semester or Full Year

Optional ELO (non credit, non grade, non course completion, non FTE generating) Location: East,

Optional ELO (non credit, non grade, non course completion, non FTE generating) Time: Thursday 10:30-11:45

Teacher of Record: Samantha Roberts

Drama is a grade-level-specific online course that introduces the performing arts. Drama provides developmentally appropriate activities to enable students to express themselves through dramatic play and storytelling. Course content includes the use of movement, language, character, plot, and spectacle to portray imaginary or real experiences. Activities may consist of those that enable students to refine their technique, increase their artistic vocabulary, express themselves and their worldview, and strengthen their critical abilities. This is a course that covers standards in Elementary and does not have any prerequisites.

Drama 6 (online)

05076

Grade: 6

Online Virtual Course Vendor: Google Classrooms

Online Virtual Course Term: Semester or Full Year

Optional ELO (non credit, non grade, non course completion, non FTE generating) Location: East,

Optional ELO (non credit, non grade, non course completion, non FTE generating) Time: Thursday 10:30-11:45

Teacher of Record: Samantha Roberts

Drama is a grade-level-specific online course that introduces the performing arts. Drama provides developmentally appropriate activities to enable students to express themselves through dramatic play and storytelling. Course content includes the use of movement, language, character, plot, and spectacle to portray imaginary or real experiences. Activities may consist of those that enable students to refine their technique, increase their artistic vocabulary, express themselves and their worldview, and strengthen their critical abilities. This is a course that covers standards in Elementary and does not have any prerequisites.

TECHNOLOGY

Educational Technology 5 (online)

Grade: 5

10003

Grade: 5

Online Virtual Course Vendor: Google Classrooms and Code.org

Online Virtual Course Term: Semester or Full Year

Optional ELO (non-credit, non-grade, non-course completion, non-FTE generating) Location: East,

Optional ELO (non-credit, non-grade, non-course completion, non-FTE generating) Time: Thursday 9:00-10:00. 1:00-2:00

Teacher of Record: Samantha Roberts

Technology enhances the knowledge and ability to use computers and technology efficiently. Course content includes the various uses of computers in modern society. This is a course that covers standards in Elementary and does not have any prerequisites.

Educational Technology 6 (online)

10003

Grade: 6

Online Virtual Course Vendor: Google Classrooms and Code.org

Online Virtual Course Term: Semester or Full Year

Optional ELO (non-credit, non-grade, non-course completion, non-FTE generating) Location: East,

Optional ELO (non credit, non grade, non course completion, non-FTE generating) Time: Thursday 9:00-10:00. 1:00-2:00

Teacher of Record: Samantha Roberts

Technology enhances the knowledge and ability to use computers and technology efficiently. Course content includes the various uses of computers in modern society. This is a course that covers standards in Elementary and does not have any prerequisites.

Introduction to Computers 5 (online)

Grade: 5

10001

Online Virtual Course Vendor: Google Classrooms and Code.org

Online Virtual Course Term: Semester or Full Year

Optional ELO (non-credit, non-grade, non-course completion, non-FTE generating) Location: East

Optional ELO (non-credit, non-grade, non-course completion, non-FTE generating) Time: Thursday 9:00-10:00. 1:00-2:00

Teacher of Record: Samantha Roberts

Introduction to Computers is a grade-level specific online course introduce students to computers, including peripheral and mobile devices; the functions and uses of computer technology; the language used in the industry; possible applications of various computer-based technologies; and occupations related to computer technology hardware and software industries as well as how changes influence

modern society. Students may also be required to perform some computer technology operations. This is a course that covers standards in Elementary and does not have any prerequisites.

Introduction to Computers 6 (online)

Grade: 6

10001

Online Virtual Course Vendor: Google Classrooms and Code.org

Online Virtual Course Term: Semester or Full Year

Optional ELO (non-credit, non-grade, non-course completion, non-FTE generating) Location: East

Optional ELO (non-credit, non-grade, non-course completion, non-FTE generating) Time: Thursday 9:00-10:00. 1:00-2:00

Teacher of Record: Samantha Roberts

Introduction to Computers is a grade-level specific online course introduce students to computers, including peripheral and mobile devices; the functions and uses of computer technology; the language used in the industry; possible applications of various computer-based technologies; and occupations related to computer technology hardware and software industries as well as how changes influence modern society. Students may also be required to perform some computer technology operations. This is a course that covers standards in Elementary and does not have any prerequisites.

ACADEMIC COACHING/NETWORKING ONLINE 5 (OL)

Teacher of Record: Samantha Roberts

Description: Providing students with remediation and interventions for core essentials. Focus will be on helping students examine their learning styles and assisting with current difficulties or barriers to academic success, and supporting their online learning. This will be done through individual direct instruction/academic coaching. Resources for parents on how to assist their child with academic issues will be available. There will also be time for parent discussion and networking regarding academic concerns and the sharing of ideas.

ACADEMIC COACHING/NETWORKING ONLINE 6 (OL)

Teacher of Record: Samantha Roberts

Description: Providing students with remediation and interventions for core essentials. Focus will be on helping students examine their learning styles and assisting with current difficulties or barriers to academic success, and supporting their online learning. This will be done through individual direct instruction/academic coaching. Resources for parents on how to assist their child with academic issues will be available. There will also be time for parent discussion and networking regarding academic concerns and the sharing of ideas.

Iron Mountain Public Schools reserves the right to deny enrollment in the Homeschool Shared-time or Core Virtual Program with a written notification, reasons, and description of the appeals process. Enrollment in a virtual course may be denied for any of the following reasons:

- The district determined that the enrollment is inappropriate for a pupil who is enrolled grades K-5.
- The pupil has previously gained the credits that would be provided from the completion of the virtual course.
- The virtual course is inconsistent with the remaining graduation requirements or career interests of the pupil.
- The pupil has not completed the prerequisite coursework for the requested virtual course or has not demonstrated proficiency in the prerequisite course content.
- For a course selected from the statewide course catalog, the cost of the virtual course exceeds the amount allocated to a course under Section 21f.
- The virtual course enrollment request did not occur within the same timelines established for enrollment and schedule changes for regular courses.

- The request for a virtual course enrollment was not made in the academic term, semester, trimester, or summer preceding the enrollment. This does not apply to a request made by a pupil who is newly enrolled in the district.
- The course has reached capacity and the district has restricted enrollment to resident applicants.
- It would not be in the best interest of the student when the student has not demonstrated an ability to succeed in an online learning environment through any of the following: failing more than three online courses, failing to meet attendance requirements (as documented in two-way logs), or not progressing in a course according to the established timeline.

Important Clause: This course catalog is subject to change. It is the student's responsibility to check with Iron Mountain Public Schools and/or the online vendor for changes, updates, and further details.