



Math and Science Magnet School

**Grades 6-8
Course Description
Book
2009-2010**

Galileo Math and Science Magnet School
4735 West Saguaro Drive
Eagle, Idaho 83616
Suanne McCullough, Principal
Phone 208-350-4105
Fax 208-350-4119

Joint School District No. 2

Preparing today's students for tomorrow's challenges.

Grades 6-8 Philosophy

Joint School District No. 2 subscribes to a philosophy that the unique needs of students in grades 6 through 8 can best be met in a kindergarten through eighth school setting that provides a student-centered program and recognizes that the students of this age are undergoing greater physiological, psychological, and social re-orientation than at any other period in their lives.

The overall purposes of the 6-8 grades are to meet the educational, developmental, and social needs that emerge during this transitional period. The grade 6-8 program will provide a supportive and flexible environment so students will have opportunities to develop skills and explore a variety of learning experiences while making the transition from elementary to high school.

In keeping with this philosophy, grades 6-8 will establish and provide:

- A core curriculum of language arts, math, science, and social studies.
- Exploratory programs and activities in the areas of science and music curriculum to help students discover and extend interests and abilities.
- A counseling program.
- A supportive environment for the physical and social development of every student.
- A gradual transition in programs from the self-contained classroom of the fifth grade to the departmentalized structure of high school.
- A before and after school activities and groups program to accommodate the needs of the early adolescent.
- A positive climate that fosters self-esteem, self-discipline, and student responsibility.
- Knowledgeable educators who are committed to the 6-8 grade design.
- Close contact and communication between parents and school.
- A challenging curriculum and pace of learning to meet individual levels and understanding.
- Opportunities for intervention and acceleration when needs are identified.

We believe these goals will be reached when the student, parents/guardians, and the teacher assume responsibility. The student will attend school regularly, maintain a positive attitude, and make an effort to achieve these goals. Parents/guardians will be supportive of the school system and encourage the student in learning. The teacher will strive for an optimal, professional approach to meet the needs of each student. When these responsibilities are met, maximum learning will be achieved.

Introduction

The following Course Description Book includes the entire curriculum offered at Galileo Math and Science Magnet School for grades 6-8.

Even though you are currently looking at only one grade level's courses, we have included information on all three-grade levels. This is to provide you with long range planning.

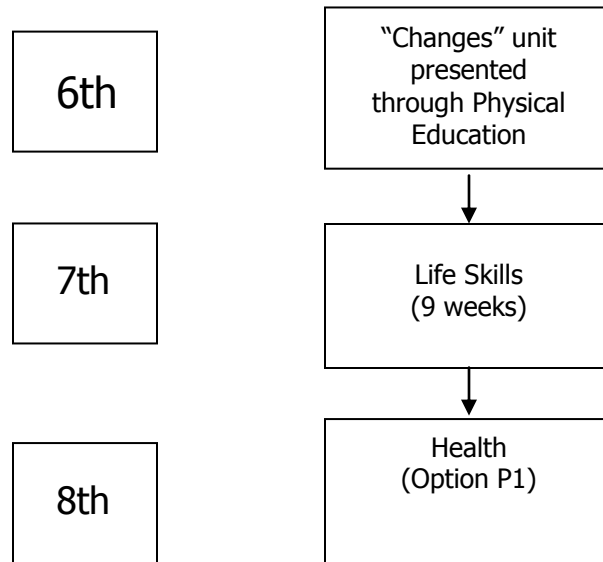
In keeping with the philosophy of transitioning students from the elementary setting to the secondary setting, student choices increase each year:

- 6th grade students are limited to a decision between general music, band, or orchestra and one semester elective.
- 7th grade students may choose either two semester electives or one year long elective.
- 8th grade students may choose either two semester electives or one year long elective.

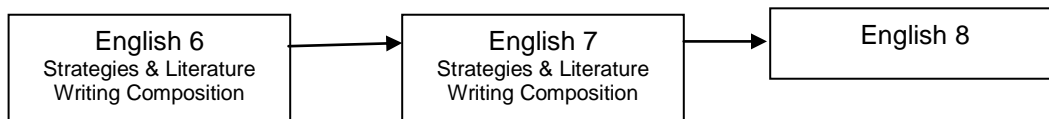
Pace 8 is a culminating project for all district 8th grade students. Students will be given a specific topic to research. Students will synthesize their research into a 3-5 page paper describing their research, and present their findings in a 3-6 minute speech to a district-trained panel.

If you would like further information about the curriculum or specific courses, please visit the district web site at www.meridianschools.org.

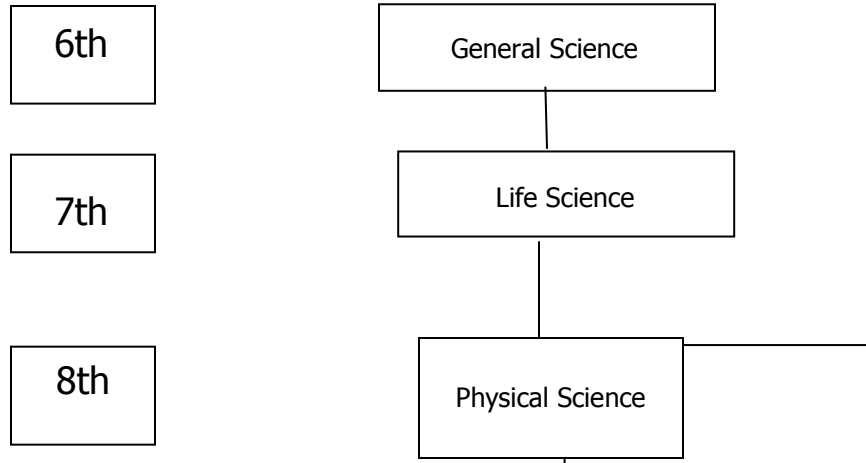
HEALTH SEQUENCE



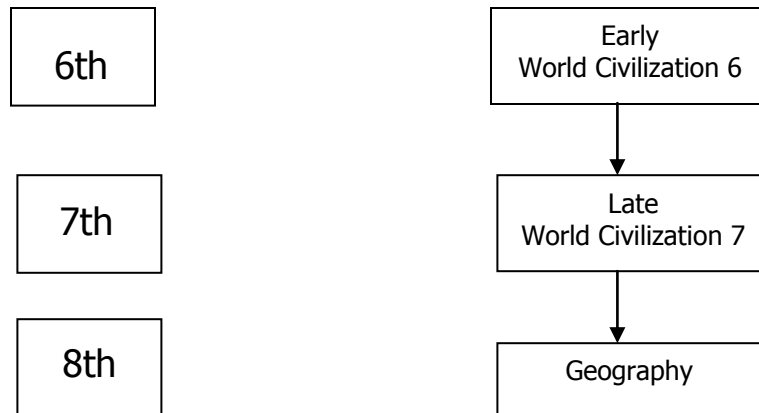
LANGUAGE ARTS SEQUENCE



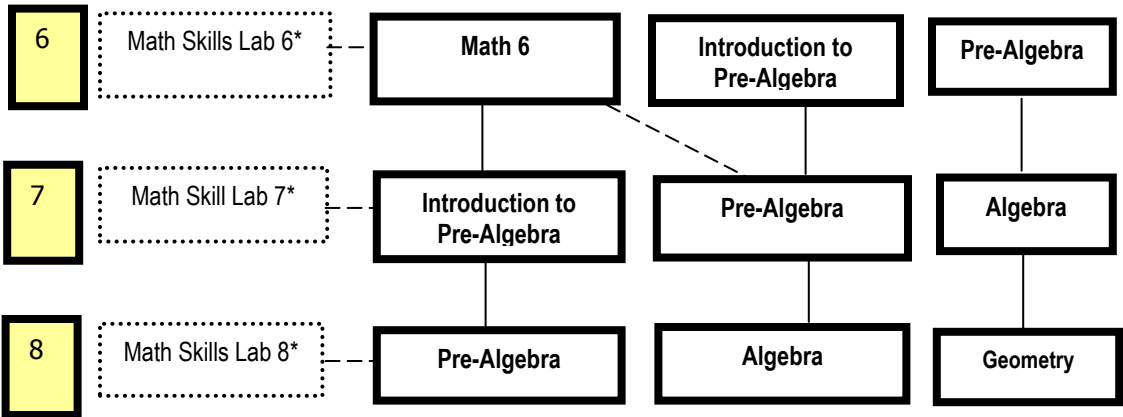
SCIENCE SEQUENCE



SOCIAL STUDIES SEQUENCE



Meridian School District
MATHEMATICS SEQUENCE
2009-2010



* Math Skills Lab is taken in addition to a student's core math course. Math Skills Lab is offered on a semester basis to students in 6th, 7th and 8th grade. A student's placement is primarily based on their level of mathematics achievement as measured by the spring Idaho Standards Achievement Test (ISAT).

----- In order to move from Math 6 to Pre-Algebra, students must meet the district's score criteria on the Pre-Algebra Placement test.

**6th Grade
Course Descriptions**

English
World Civilizations
General Science
Math
Engineering
PE/Music/Keyboarding

**6th Grade
Required Core Classes**

English 6: Literature and Strategies

Course Number(s): 00012G0011
Open to: 6
Length: Year
Content: This course focuses on reading strategies and comprehension skills. Students will read from various genres. **Students must take English 6: Literature and Strategies concurrently with English 6: Writing Composition to meet state and district curriculum requirements.**

English 6: Writing Composition

Course Number(s): 00012G0021
Open to: 6
Length: Year
Content: This course focuses on the writing process, modes of writing, writing traits, and language usage. **Students must take English 6: Literature and Strategies concurrently with English 6: Writing Composition to meet state and district curriculum requirements.**

General Science

Course Number(s): 00062G0011
Open to: 6
Length: Year
Content: This course is an introduction to the nature of science, biology, physical science, earth and space systems and personal and social perspectives of science. Science concepts are explored with emphasis on the scientific method, laboratory introduction, and hands-on science inquiry. Study of systems, cycles, and patterns include those of the ocean and animal survey, the planet Earth, and the nature of matter.

Math 6

Course Number(s): 00042G0011
Open to: 6
Length: Year
Content: This is an on-grade level course for 6th grade students focusing on the basic building blocks for higher level mathematics. Instruction focuses on computational fluency, ordering and compare numbers, and estimation. Algebra is used to analyze and introduce symbols to generalize patterns, recognize properties of operations and analyze change in various situations. Geometric concepts are developed and students are taught to analyze and describe the characteristics and properties of 2- and 3-dimensional shapes, locate and specify points on a grid, and use geometric concepts such as symmetry and transformations. Students learn to determine length, perimeter, area, weight, capacity, and temperature. Students collect, organize, analyze, interpret and display data in tables and graphs and determine the probabilities of outcomes in simple experiments. All concepts are taught with an emphasis on solving real-world problems

Introduction to Pre-Algebra

Course Number(s): 00042H0011
Open to: 6, 7
Length: Year
Prerequisite: Students must meet the district's placement criteria.
Content: This is an accelerated course for 6th grade students. An emphasis is placed on understanding in order to increase student's problem-solving abilities. Students will develop their skills in working with fractions, decimals, percentages, measurement ratio and proportion, area, and volume. They study probability, the real number system, equations, and the coordinate plane. Students consider ideas underlying these concepts: Why is a particular skill needed? What kind of problems will it help solve? Mathematics is presented in a manner that is worthwhile, interesting, entertaining, and relevant. *A scientific calculator is recommended.*

Pre-Algebra

Course Number(s): 00042H0021
Open to: 6, 7, 8
Length: Year
Prerequisite: Students must meet the district's placement criteria.
Content: This is a highly accelerated course for 6th grade students. Pre-algebra focuses on the necessary skills and abstract thinking capabilities students need in Algebra I. Topics include rational number operations as well as equation manipulations involving addition, subtraction, multiplication, division and graphing. Students will expand their knowledge of numbers by discussing topics such as exponents, factors, ratios, proportions, patterns, equations, inequalities, triangles, area, and volume. *A scientific calculator is recommended.*

World Civilizations 6

Course Number(s): 00064G0011
Open to: 6
Length: Year
Content: Students will develop an understanding of their world by studying the geography, history, culture, government, and economy of various people and nations of the world from the Prehistoric/Neolithic Period through the Middle Ages.

Exploratory Keyboarding 6

Course Number(s): 62005T0011
Open to: 6
Length: One day a week all year
Content: Students will learn home-row positioning on the computer keyboard. While technique is primary, development of speed and accuracy is integral to the course. Students are introduced to input and output devices, Internet use and safety, copyright laws, basic formatting of documents using word processing and desktop publishing software. Basic file management and appropriate selection of software applications will be addressed. This class is a prerequisite for Computer Explorations I

Math Skills Lab

Course Number(s): 00042B0011
Open to: 6, 7, 8
Length: Semester as determined by individual middle schools
Content: Emphasis will be on basic mathematical computation and ISAT goal areas. This class will be taken in addition to their regular math class and in place of an elective. Students will be identified based on performing below proficiency in the Idaho Standards Achievement Test (ISAT), teacher recommendation and/or parent request.

Study Lab 6

Course Number(s): 00018B0021
Open to: 6 (Exploratory)
Length: Semester
Content: This course is for students who are deficient in completing course assignments, as identified by teachers and counselors. After receiving instruction in basic study skills students will apply those skills to their assigned coursework in a monitored environment. Students also will have access to school resources (computers, printers, etc.) and be able to study for tests.

Design and Modeling

Course Number(s): 00098T0021
Open to: 6
Length: Semester
Content: This course uses solid modeling (a very sophisticated mathematical technique for representing solid objects) to introduce students to the design process. 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.

Beginning Band

Course Number(s): 00032G0041, 00032G0031
Open to: 6
Length: Year, two days a week
Content: Students must provide their own instruments and band method books for their respective instrument. Students are expected to practice a minimum of 100 minutes per week at home. Be sure to research rental fees before deciding to choose band. Class changes are not allowed after the first two weeks of school.

General Music 6

Course Number(s): 00032G0011
Open to: 6
Length: Year, two days a week
Content: General music classes will focus on the study of music theory and history through singing, games, listening, and writing activities. Various kinds of music, such as ballet, opera, and the music of famous composers will be introduced.

Orchestra 6

Course Number(s): 00032G0051
Open to: 6
Length: Year, two days a week
Content: This class is for students who are beginning to play violin, viola, cello, and string bass. No previous experience is necessary. Students are expected to practice a minimum of 100 minutes per week at home. Students wishing to play the violin, viola or the cello must furnish their own instruments. All students must furnish their own method books. Be sure to research rental fees before deciding to choose orchestra.

Physical Education 6

Course Number(s): 00052G0011
Open to: 6
Length: Year, two days a week
Content: Students are introduced to a variety of activities and sports that develop physical motor skills. Emphasis is placed upon acquiring basic skill and fitness levels. Maximum student participation is stressed and physical fitness tests are given.

Electives

Environmental Issues Course Number(s): 00066G0011

Open to: 6

Length: Semester

Content: Local - This course will cover the most pressing environmental issues facing the country today. Both sides of issues will be presented with the help of guest speakers. Laboratory investigations will draw from both life and physical science skills. Students may be involved with projects that will take them outdoors. It is further expected that projects such as recycling will result in the improvement of the school environment.

Computer Explorations I 6, 7, 8

Course Number(s): 60004T0011

Open to: 6, 7, 8

Length: Semester

Prerequisite: Keyboarding 6, Applied Keyboarding 7/8 or Teacher Approval

Content: Students will learn basic skills needed for the use of a word processor, spreadsheet, and database including how to edit, format, change, and manipulate documents for a variety of school and personal projects. Emphasis will be placed on real world applications of the software presented. A review of Internet safety, research strategies, and copyright laws will be integrated into assignments as they apply. This class is a prerequisite for Computer Explorations II

**7TH Grade
Course Descriptions**

English
World Civilizations
Life Science
Math
Engineering
PE/Life Skills
Electives

**7TH Grade
Required Core Classes**

English 7: Literature and Strategies

Course Number(s): 51001G0011, 51001G0012
Open to: 7
Length: Year
Content: This course focuses on reading strategies and comprehension skills. Students will read from various genres. **Students must take English 7: Writing Composition concurrently with English 7: Literature and Strategies to meet state and district curriculum requirements.**

English 7: Writing Composition

Course Number(s): 51003G0011, 51003G0012
Open to: 7
Length: Year
Content: This course focuses on the writing process, modes of writing, writing traits, and language usage. **Students must take English 7: Writing Composition concurrently with English 7: Literature and Strategies to meet state and district curriculum requirements.**

Life Science 7

Course Number(s): 53999G0011, 53999G0012
Open to: 7
Length: Year
Content: This course introduces students to the characteristics of living things. Students study the diversity of life forms from viruses to mammals; learn human body systems, genetics, and ecological relationships. Critical thinking, problem solving, and hands-on inquiry skills are developed through observation, classification, data collection, cooperative learning experiences, and communication through the introduction of technical writing.

Introduction to Pre-Algebra

Course Number(s): 52001G0011, 52001G0012
Open to: 6, 7
Length: Year
Prerequisite: Students must meet the district's placement criteria.
Content: This is an on-grade level course for 7th grade students. An emphasis is placed on understanding in order to increase student's problem-solving abilities. Students will develop their skills in working with fractions, decimals, percentages, measurement ratio and proportion, area, and volume. They study probability, the real number system, equations, and the coordinate plane. Students consider ideas underlying these concepts: Why is a particular skill needed? What kind of problems will it help solve? Mathematics is presented in a manner that is worthwhile, interesting, entertaining, and relevant. *A scientific calculator is recommended.*

Pre-Algebra

Course Number(s): 52051H0011, 52051H0012
Open to: 6, 7, 8
Length: Year
Prerequisite: Students must meet the district's placement criteria.
Content: This is an accelerated course for 7th grade students. Pre-algebra focuses on the necessary skills and abstract thinking capabilities students need in Algebra I. Topics include rational number operations as well as equation manipulations involving addition, subtraction, multiplication, division and graphing. Students will expand their knowledge of numbers by discussing topics such as exponents, factors, ratios, proportions, patterns, equations, inequalities, triangles, area, and volume. *A scientific calculator is recommended.*

Algebra

Course Number(s): 52052H0011, 52052H0012
Open to: 7, 8
Length: Year
Prerequisite: Students must meet the district's placement criteria.
Content: This is a highly accelerated course for 7th grade students. Through practice and application, students develop skills in dealing with the essentials of Algebra I, including linear and quadratic equations, polynomials, problem solving, factoring, and graphing. Throughout this course, emphasis is on problem solving and application of basic concepts and skills to real-life situations. *A scientific calculator is recommended.*

World Civilizations 7

Course Number(s): 54052G0011, 54052G0012
Open to: 7
Length: Year
Content: Students will develop an understanding of their world by studying the geography, history, culture, government, and economic systems of various people and nations of the world from the beginning of the Renaissance to the present.

The Science of Technology/Automation and Robotics

Course Number(s): 71001T0011
Open to: 7
Length: Semester
Content: This course traces how science has affected technology throughout history and the development of automation and robotics. Students learn about the mechanics of motion, the conversion of energy, the use of science to improve communication, 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.

Life Skills 7

Course Number(s): 72206G0011
Open to: 7
Length: Quarter
Content: Students begin this class setting goals, exploring decision-making, self-esteem, character, and organization skills. They will also receive information on conflict resolution, violence prevention, and substance abuse.

Lifetime Sports

Course Number(s): 58001G0011
Open to: 7
Length: Quarter
Content: The student will experience a variety of activities that may be enjoyed throughout his/her life. Activities may include football, soccer, basketball, golf, softball, bowling, badminton, volleyball, personal fitness, dance, and orienteering. Participation will be required.

Math Skills Lab

Course Number(s): 52001B0011
Open to: 7
Length: Semester as determined by individual middle schools.
Content: Emphasis will be on basic mathematical computation and ISAT goal areas. This class will be taken in addition to their regular math class and in place of elective classes. Students will be identified based on performing below proficiency on the Idaho Standards Achievement Test (ISAT), grade in previous math class, teacher recommendation and/or parent request.

7TH Grade Electives

7th grade students may choose either one full year or two semester electives.

Band 7/8

Course Number(s): 55101G0011, 55101G0012
Open to: 7, 8
Length: Year
Fee: \$5
Content: This class is for brass and percussion students with preferably one year of prior band experience. Students are expected to practice a minimum of 100 minutes weekly in preparation for class assignments. Students provide their own method books and instruments, with the exception of specifically assigned instruments. Students will participate in evening concerts during the year and in the District III Music Festival in the spring.

Orchestra 7/8

Course Number(s): 55101G0051, 55101G0052
Open to: 7, 8
Length: Year
Fee: \$5
Content: This class is for students with a minimum of one year playing experience on violin, viola, cello, or string bass. Students are expected to practice a minimum of 100 minutes per week at home. Students playing violin, viola, or cello must furnish their own instruments. Students wishing to string bass may use the school-owned instrument. All students must furnish their own method books.

Choir 7

Course Number(s): 55111G0011, 55111G0012
Open to: 7, 8
Length: Year
Fee: \$5
Content: This class gives students an introduction and foundation in singing two and three part music of various styles, with emphasis on the enjoyment of singing. Students will participate in evening concerts during the year and in the District III Music Festival in the spring.

Computer Explorations I 7/8

Course Number(s): 60004T0011
Open to: 7, 8
Length: Semester
Prerequisite: Keyboarding 6, Applied Keyboarding 7/8 or Teacher Approval
Content: Students will learn basic skills needed for the use of a word processor, spreadsheet, and database including how to edit, format, change, and manipulate documents for a variety of school and personal projects. Emphasis will be placed on real world applications of the software presented. A review of Internet safety, research strategies, and copyright laws will be integrated into assignments as they apply. This class is a prerequisite for Computer Explorations II.

Computer Explorations II 7/8

Course Number(s): 60004T0021
Open to: 7, 8
Length: Semester
Prerequisite: Computer Explorations I or Teacher Approval
Content: This course integrates software applications in word processing, spreadsheets, and databases with the study of presentation software and web page design. The use of multimedia technology will enhance student creativity while real world applications will be emphasized. Students will apply Internet safety, research strategies, and copyright laws. This course will prepare students for the Internet and Computing Core Certification (IC3) test.

Peer Tutor 7/8

Course Number(s): 88500G0051
Open to: 7, 8
Length: Semester
Prerequisite: Teacher or counselor recommendation is needed.
Content: The peer tutors are involved in assisting students with special needs on a one-on-one basis in their mainstream classes. Students must be kind and caring, accepting of other's feelings and have a willingness to take direction in helping other students. The counselor supervises these tutors. A brief, pre-training session is required in addition to a final essay reflecting the peer tutoring experience.

Library Assistant 7/8

Course Number(s): 88500G0011,
Open to: 7, 8
Length: Semester
Prerequisite: Counselor/Librarian Recommendation
Content: Students are responsible for the checkout desk, filing books cards, and shelving books.

Study Lab 7

Course Number(s): 72003B0011

Open to: 7 (Elective)

Length: Semester

Content: This course is for students who are deficient in completing course assignments as identified by teachers and counselors. After receiving instruction in basic study skills students will apply those skills to their assigned coursework in a monitored environment. Students also will have access to school resources (computers, printer, etc,) and be able to study for tests.

Environmental Issues

Course Number(s): 53003G0011

Open to: 7, 8

Length: Semester

Content: Regions - This course will cover the most pressing environmental issues facing the country today. Both sides of issues will be presented with the help of guest speakers. Laboratory investigations will draw from both life and physical science skills. Students may be involved with projects that will take them outdoors. It is further expected that projects such as recycling will result in the improvement of the school environment.

**8TH Grade
Course Descriptions**

English
Health
World Geography
Physical Science
Math
Physical Education
Engineering
Electives

**8TH Grade
Required Classes**

8th grade students have seven required classes in the core curriculum.

English 8

Course Number(s): 51002G0011, 51002G0012
Open to: 8
Length: Year
Content: English 8 integrates the skills identified for 8th grade by district and state standards. Four concept-based units are covered. See the Meridian Joint School District No. 2 website for detailed descriptions. Instruction focuses on reading strategies, comprehension skills, and the writing process, modes of writing, writing traits, and language usage.

Physical Science 8

Course Number(s): 53159G0011, 53159G0012
Open to: 8
Length: Year
Content: Fundamental physical science principles are introduced through student involvement in hands-on learning activities. A well-balanced introduction to chemistry and physics is provided as students explore the periodic table, chemical reactions, and the laws of motion and energy. Practical application and authenticity are stressed with an emphasis on writing skills, technology, and career investigations.

Pre-Algebra

Course Number(s): 52051G0011, 52051G0012
Open to: 6, 7, 8
Length: Year
Prerequisite: Students must meet the district's placement criteria
Content: This is an on-grade level course for 8th grade students. Pre-algebra focuses on the necessary skills and abstract thinking capabilities students need in Algebra I. Topics include rational number operations as well as equation manipulations involving addition, subtraction, multiplication, division and graphing. Students will expand their knowledge of numbers by discussing topics such as exponents, factors, ratios, proportions, patterns, equations, inequalities, triangles, area, and volume. *A scientific calculator is recommended.*

Algebra

Course Number(s): 52052H0021, 52052H0022
Open to: 7, 8
Length: Year
Prerequisite: Students must meet the district's placement criteria.
Content: This is an accelerated course for 8th grade students. Through practice and application, students develop skills in dealing with the essentials of Algebra I, including linear and quadratic equations, polynomials, problem solving, factoring, and graphing. Throughout this course, emphasis is on problem solving and application of basic concepts and skills to real-life situations. *A scientific calculator is recommended.*

Geometry

Course Number(s): 52072H0011, 52072H0012
Open to: 8
Length: Year
Prerequisite: Students must meet the district's placement criteria.
Content: This is a highly accelerated course for 8th grade students. Geometry is the mathematical study of geometric objects and their properties. Topics include studying lines, angles, circles and polygons, with an emphasis on topics needed for later math courses and also on topics found on standardized tests like the ACT and SAT. Students also study mathematical arguments with the goal of producing well-written mathematical proofs. *A graphing calculator is recommended.*

World Geography 8

Course Number(s): 54001G0011
Open to: 8
Length: Semester
Content: This semester course is designed to give students a comprehensive study of our world, using National Geography's five themes of geography as the guide. The emphasis will be placed on geography skills.

The Magic of Electrons/Flight and Space

Course Number(s): 71001T0021 71001T0022

Open to: 8

Length: Year

Content: Through hands-on projects, students explore the science of electricity, the movement of atoms, circuit design, and sensing devices. Students acquire knowledge and skills in basic circuitry design and explore the impact of electricity on our lives. Next, students are introduced to aeronautics, space, and the use of design in aerospace engineering. They learn about Newton's Law of Motion, forces, rockets, propulsion, and what makes things fly. Students acquire and apply knowledge and skills in engineering problem solving and explore the many aspects of aerospace engineering.

Health

Course Number(s): P1: 58051G0011

Open to: 8

Length: Semester

Content: This class helps young people make independent, informed decisions concerning their physical, mental, and social well-being. It encourages the students to discover their capability and responsibility for developing attitudes and patterns of behavior that promote a full and satisfying life.

Physical Education 8

Course Number(s): 58001G0021, 58001G0022

Open to: 8

Length: Year

Content: Physical, mental, emotional, and social health is promoted in this class. This is accomplished by a variety of activities with emphasis on team sports and/or fitness. Students are encouraged to take responsibility for their own physical fitness. Students are required to dress down and participate.

8th Grade Electives

8th grade students may choose two semester classes or one year long elective class for the year.

Band 7/8

Course Number(s): 55101G0011, 55101G0012
Open to: 7, 8
Length: Year
Fee: \$5
Content: This class is for students with preferably one year of prior band experience. Students are expected to practice a minimum of 100 minutes weekly in preparation for class assignments. Students provide their own method books and instruments, with the exception of specifically assigned instruments. Students will participate in evening concerts during the year and in the District III Music Festival in the spring.

Orchestra 7/8

Course Number(s): 55101G0051, 55101G0052
Open to: 7, 8
Length: Year
Fee: \$5
Content: This class is for students with preferably a minimum of one year playing experience on violin, viola, cello, or string bass. Students are expected to practice a minimum of 100 minutes per week. Students wishing to play string bass may use the school instrument for a maintenance fee. All students must furnish their own method books.

Choir 7, 8

Course Number(s): 55111G0021, 55111G0022
Open to: 7, 8
Length: Year
Fee: \$5
Content: This course emphasizes the development of singing, music reading, and performance skills. Participation in evening concerts and the District III Music Festival in the spring are required.

Computer Explorations I 7/8

Course Number(s): 60004T0011
Open to: 7,8
Length: Semester
Prerequisite: Keyboarding 6, Applied Keyboarding 7,8 or Teacher approval
Content: Students will learn basic skills needed for the use of a word processor, spreadsheet, and database including how to edit, format, change, and manipulate documents for a variety of school and personal projects. Emphasis will be placed on real world applications of the software presented. A review of internet safety, research strategies, and copyright laws will be integrated into assignments as they apply. This class is a prerequisite for Computer Explorations II.

Computer Explorations II 7/8

Course Number(s): 60004T0021
Open to: 7, 8
Length: Semester
Prerequisite: Computer Explorations I or Teacher approval
Content: This course integrates software applications in word processing, spreadsheets, and databases with the study of presentation software and web page design. The use of multimedia technology will enhance student creativity while real world applications will be emphasized. Students will apply Internet safety, research strategies, and copyright laws. This course will prepare students for the Internet and Computing Core Certification (IC3) test.

Peer Tutor 7/8

Course Number(s): 88500G0051
Open to: 7, 8
Length: Semester
Prerequisite: Teacher or counselor recommendation needed
Content: The peer tutors are involved in assisting students with special needs one-on-one in their mainstream classes. Students must be kind and caring, accepting of other's feelings and have a willingness to take direction in helping other students. The Extended Resource Room teachers supervise peer tutors. A brief, pre-training session is required in addition to a final essay reflecting the peer tutoring experience.

Assistants

Course Number(s): Counseling – 88500G0031
Office – 88500G0021
Library – 88500G0011
Teacher – 88500G0041
Open to: 8 Counselor 8 Office 8 Library 8 Teacher
Length: Semester
Prerequisite: Counselor/Teacher/Library Recommendation
Content: Counselor/Office/Teacher – Each school offers students the opportunity to serve as an assistant. They will work with staff, students, and parents.
Library – Students will gain skills in organization, responsibility, and working with people while serving as assistants to staff members. Students are responsible for the checkout desk, filing book cards, and shelving books. They will work with staff, students, and parents.

Astronomy 8

Course Number(s): 53001G0011
Open to: 8
Length: Semester
Content: This course is designed to introduce the student to the solar system and the planet Earth's involvement in that system. Through multi-media presentations, planetarium demonstrations, model construction, and various hands-on activities, students will discover the science behind astronomy. Library research is one form of data collection used for this course.

Environmental Issues

Course Number(s): 53003G0011
Open to: 8
Length: Semester
Content: Global - Environmental Issues (focus- Global Issues) is a course that explores the relationships between humans and the natural world. Students will learn about some of the global environmental issues facing our world today. The class will consider the science, economics, history, politics, and personal choices people make and how these all impact our natural world. Laboratory investigations, guest speakers, and individual research on topics such as climate change, mining, energy resources, biodiversity, and resource management will help students to become more informed global citizens.

Math Skills Lab

Course Number(s): 52001B0021
Open to: 8
Length: Semester
Content: Emphasis will be on basic mathematical computation and ISAT goal areas. This class will be taken in addition to their regular math class and in place of elective classes. Students will be identified based on performing below proficiency on the Idaho Standards Achievement Test (ISAT), grade in previous math class, teacher recommendation and/or parent request.

Study Lab 8

Course Number(s): 72003B0021
Open to: 8 (Elective)
Length: Semester
Content: This course is for students who are deficient in completing course assignments, as identified by teachers and counselors. After receiving instruction in basic study skills students will apply those skills to their assigned coursework in a monitored environment. Students also will have access to school resources (computers, printer, etc,) and be able to study for tests.

6th Grade Electives Students Select One

Please select your electives. Elective availability is often based on math level. Students are not guaranteed their choices.

First Choice _____

Second Choice _____

Third Choice _____

Name _____

Grade for the 2009-2010 School Year _____

Will you participate in Band, Orchestra or General Music of the 2009-2010 school year? Band _____ Orchestra _____ General Music _____
If yes for band or orchestra what instrument? _____

Please turn this sheet into the Galileo Math and Science main office by April 10, 2009.

Elective Titles:

Math Skills Lab 6 Placement is dependant on ISAT spring math scores.

Computer Exploration I 6

Study Lab 6

Environmental Issues 6

7th Grade Electives

Students Select One each Semester

Please select your electives. Elective availability is often based on math level. Students are not guaranteed their choices.

First Semester:

First Choice _____

Second Choice _____

Third Choice _____

Second Semester:

First Choice _____

Second Choice _____

Third Choice _____

Name _____

Grade for the 2009-2010 School Year _____

Are you planning on participating in team sports at another middle School?
_____ If yes what school? _____ If yes what semester and
what sport? _____

Parents are responsible for transportation from Galileo to the sporting practices and events and are responsible for making connections with the sponsoring middle school sports department to make arrangements to participate.

Please turn this sheet into the Galileo Math and Science main office by April 10, 2009.

Elective Titles:

Study Lab 7

Peer Tutor 7

Band - 7 Year Long

Choir – 7 Year Long

Orchestra - 7 Year Long

Computer Exploration I 7

Computer Exploration II 7

Library Assistant 7

Environmental Issues 7

Math Skills Lab 7 Placement is dependant on ISAT spring math scores.

8th Grade Electives

Students Select One each Semester

Please select your electives. Elective availability is often based on math level. Students are not guaranteed their choices.

First Semester:

First Choice _____

Second Choice _____

Third Choice _____

Second Semester:

First Choice _____

Second Choice _____

Third Choice _____

Name _____

Grade for the 2009-2010 School Year _____

Are you planning on participating in team sports at another middle School?
_____ If yes what school? _____ If yes what semester and
what sport? _____

Parents are responsible for transportation from Galileo to the sporting practices and events and are responsible for making connections with the sponsoring middle school sports department to make arrangements to participate.

Please turn this sheet into the Galileo Math and Science main office by April 10, 2009 with your other registration materials.

Elective Titles:

Study Lab 8

Peer Tutor 8

Band - 8 Year Long

Choir – 8 Year Long

Orchestra - 8 Year Long

Astronomy 8

Office Assistant 8

Computer Exploration I 8

Teacher Assistant 8

Library Assistant 8

Environmental Issues 8

Computer Exploration II 8

Counseling Assistant 8

Math Skills Lab 8 Placement is dependant on
ISAT spring math scores.