

**COURSE DESCRIPTION, CURRICULUM & TUTORS
PROVIDENCE EXTENSION PROGRAM
2009-2010 - MASON**

The Humanities

Humanities Core A: (7th grade)

*** Geography**

The course provides a survey of both geographic principles and every country of the world through a regional approach. Students will learn (and learn to spell!) the location, cultures, land forms, climates, resources, economy, religions and government of each country. They will evaluate the spread of the gospel throughout the world.

Text: Bob Jones *Geography* (3rd edition), *Window on the World*, *Answer Atlas-Rand McNally*.

The tutor: Lisa McAfee has a BA in education from Miami University and has taught for many years, including 3 years at PEP and 4 years at Cincinnati Christian Schools. She has home schooled her children and her passion for people will make geography come alive for her students.

*** Composition and World Literature - A**

Students focus on learning the fundamentals of writing. We will begin with grammar, sentence structure, and the formation of paragraphs. Students will be exposed to different types of writing such as, fiction, expository essays, poetry, journalism, and more. The fundamentals of grammar, punctuation, and developing a strong vocabulary will be highlighted in this course. Literature will be chosen to coincide with the Geography course.

Literature: *Outcast*, *The Endless Steppe*, *Call It Courage*, *Do Hard Things*, *Around the World in 80 Days*, *The Miracle Worker*, *A Christmas Carol*, *HC Complete Dictionary and Thesaurus*, *Easy Grammar Plus* (workbook & teacher edition).

The tutor: Barbara Allen has a BS in Business Administration. She has taught at PEP for 4 years and writing techniques and creative writing at the Learning Tree Home School Coop and is a home school mom. She feels that God has given her a gift for writing.

***Genesis Thought**

This course is the beginning to building a solid Biblical worldview. Since the book of Genesis is the foundation for the Christian worldview, the students will focus on the first eleven chapters of Genesis, while also learning the principles of inductive Bible study.

Text: *It All Begins with Genesis* (Answers in Genesis), *Bible*

The Tutor: Teresa Coffindaffer has a BS in Mechanical Engineering Technology from Purdue University. Most of her Bible training has been through Precept Bible Studies. She has also attended a Genesis & Isaiah Bible Study in Chattanooga, TN. Other studies with teens include the "Lord" series from Precepts as well as many studies with ladies Bible study.

Humanities Core B: (8th grade)

***World History**

A study of people and cultures across the globe and through the years, with a special concentration on eastern hemisphere.

Text: *Streams of Civilization, Vol. 1, The Illustrated Guide to World Religions*

The tutor: Liisa Futoran holds a BA in History and a minor in Education from Covenant College. She has taught History, Government, Bible, P.E., and Music at schools in California, North Carolina, and Germany. Currently she directs an adult church choir and leads and discipless girls and women.

***Composition & World Literature -B**

This is a writing class that introduces several different types of writing: fiction, poetry, journalism, essay, research paper, creative writing and more. We focus on improving our writing by concentrating on content and technical areas. Literature selections, which complement World History, will be studied by analyzing key components and world view.

Literature: *I, Juan de Pareja, Romeo & Juliet, Bronze Bow, Robinson Crusoe, Hound of the Baskervilles, Grammar TBD.*

The tutor: Tyler Howat is a graduate of Miami University, with a double major in history and English. He has taught composition and rhetoric at PEP for three years and has interned at Faith Church in the junior/senior high youth group.

***Old Testament Survey**

This outstanding Old Testament study exhibits the unity which exists in the Old Testament and shows the historical development of God's work of redemption, emphasizing the fact that the entire Old Testament prepares for the coming of Christ, the eternal King.

Text: *The Kingdom of God: A Guide for Old Testament Study, Bible*

The tutor: Teresa Coffindaffer has a BS in Mechanical Engineering Technology from Purdue University. Most of her Bible training has been through Precept Bible Studies. She has also attended a Genesis & Isaiah Bible Study in Chattanooga, TN. Other studies with teens include the "Lord" series from Precepts as well as many studies with ladies Bible study.

Humanities Core C: (9th grade)

***Logic is a suggested co-requisite for Core C and required for Cores D, E & F)**

***American History**

A thorough survey of America's History from Colonial times through the present, emphasizing the philosophies behind the founding of America as well as the prevailing philosophies which have determined national events throughout our history.

Text: *United States History for Christian Schools* (Bob Jones)

The tutor: Brian Clayton has a Master’s Degree in Education from Xavier University and is a published author with 3 books available at Amazon. In addition to his eight years of experience as a teacher, he is married with two children and is the owner and President of Armistead Publishing. He brings with him a wealth of knowledge and experience and is very excited to share his gifts at PEP.

***Composition and American Literature –C**

This composition class covers several different types of writing: fiction, poetry, journalism, essay, research paper, and more. We focus on improving our writing by concentrating on content and technical areas. Complementing *Starting Points* class, American and other literature will be studied and used as a basis for increasing writing techniques.

Literature: *Great American Short Stories, The Scarlet Letter, Uncle Tom’s Cabin, The Adventures of Tom Sawyer, To Kill a Mockingbird, 101 Great American Poems, MLA Handbook for Writers of Research Papers* (7th edition).

The tutor: Traci DeBra has a BA in Literature and Secondary Education. Over the past thirteen years, she has instructed junior high and high school composition and literature classes in both the public and private sectors, published articles as a freelance writer, and provided private tutoring for students in need of extra writing assistance. Her passions are her Savior, her family, and teaching students to look for God’s hand in their lives and the world around them.

***Starting Points**

After students learn the basics of a Biblical worldview, they will apply their knowledge and understanding by examining and evaluating the ideas contained in books and movies. Then they will study three approaches for talking to non-Christians in the 21st century (apologetics). Finally, through a study of American History, students will consider the ideas of the Founding Fathers used to write the Declaration of Independence.

Text: *Starting Points, How to Read Slowly, Answers for Difficult Days, Know What You Believe, Dr. Jekyll & Mr. Hyde, The Deadliest Monster, Know Why You Believe, Mere Christianity, Never Before in History, The Magician’s Nephew, The Lion, the Witch & the Wardrobe, The Horse & His Boy, Frankenstein, It’s A Wonderful Life* (movie), *The Wizard of Oz* (movie).

The tutor: Elizabeth Mock received a BA in Writing and Philosophy from Geneva College. She has taught at PEP for three years and previously she taught 9th grade English for two years at Petersburg High School in Virginia. Miss Mock is a wonderful asset to the Tutor Team at PEP. Elizabeth has a passion for the Lord and brings a wealth of Biblical Worldview knowledge to the table to share with her students.

Humanities Core D: (9th-12th grade, 10th suggested)

***(Logic is a pre or co-requisite for Core D)**

***Ancient History**

A detailed high school level study of ancient western cultures, in which students will learn about ancient history, culture, and literature from Ancient Egypt through the Middle Ages.

Text: *Western Civilization*, by Jackson Spielvogel

The tutor: Liisa Futoran holds a BA in History and a minor in Education from Covenant College. She has taught History, Government, Bible, P.E., and Music at schools in California, North Carolina, and Germany. Currently she directs an adult church choir and leads and disciples girls and women.

***Composition & Ancient Literature –D**

This is an advanced writing class that covers several different types of writing: fiction, poetry, journalism, essay, research paper, and more. We focus on improving our writing by concentrating on content and technical areas. Books will be selected that represent the time periods being studied in the Ancient History course and the ideas being studied in Western Civilization I course.

Literature: *Julius Caesar, Beowulf, Orestian Trilogy, Three Theban Plays, Sir Gawain and the Green Knight, MLA Handbook for Writers of Research Papers* (7th edition).

The tutor: Tyler Howat is a graduate of Miami University, with a double major in history and English. He has taught composition and rhetoric at PEP for three years and has interned at Faith Church in the junior/senior high youth group

***Western Thought I**

(Culture/Philosophy/Theology/Apologetics/Literature/Political Theory)

This interdisciplinary worldview study is designed to give the student: 1) the ability to stand against the thoughts and ideas of the secular culture, 2) an adequate and logical defense for the hope they have within them, and 3) the ability to take the truth of Christianity into various disciplines. The text, *Worldviews of the Western World, Vol. I*, by David Quine uses Francis Schaeffer's *How Shall We Then Live* as the structure for this 3-year study of western culture. In this first year, students compare and contrast the ideas of the Greek and Roman poets and philosophers with the teachings of the Bible.

Text: *World View of the Western World, Vol. 1*, by David Quine, *The Aeneid, Genesis in Space & Time, How Should We Then Live, The Trilogy, The Universe Next Door, City of God, Republic, Sophie's World, The Iliad, The Odyssey*.

The tutor: Elizabeth Mock received a BA in writing and philosophy from Geneva College. She has at PEP for three years and previously taught 9th grade English for 2 years at Petersburg High School in Virginia. Miss Mock is a wonderful asset to the Tutor Team at PEP. Elizabeth has a passion for the Lord and brings a wealth of Biblical Worldview knowledge to the table to share with her students.

Humanities Core E: (9th-12th grade, 11th suggested)

***(Logic is a pre or co-requisite for Core E)**

***Medieval to Early Modern History**

A detailed high school level study of western cultures. Students will learn about world history, culture, and literature from the Middle Ages through the Revolutionary times.

Text: *Western Civilization*, by Jackson Spielvogel

The tutor: Brian Clayton has a Master's Degree in Education from Xavier University and is a published author with 3 books available at Amazon. In addition to his eight years of experience as a teacher, he is married with two children and is the owner and President of Armistead Publishing. He brings with him a wealth of knowledge and experience and is very excited to share his gifts at PEP.

***Rhetoric & Literature I**

First year of a 2-year study of the art and science of persuasion, taken from Aristotle's *The Rhetoric*. Students read and analyze essays, speeches, letters and discourses from Socrates to the present. In addition, each quarter the students will be reading and analyzing a piece of classic literature, which is also read in Western Thought II.

Text: *The Penguin Book of Historic Speeches*, purchase curriculum from tutor, *MLA Handbook for Writers of Research Papers* (7th edition).

The tutor: Tyler Howat is a graduate of Miami University, with a double major in history and English. He has taught composition and rhetoric at PEP for three years and has interned at Faith Church in the junior/senior high youth group.

*** Western Thought II**

(Culture/Philosophy/Theology/Apologetics/Literature/Political Theory)

This interdisciplinary worldview study is designed to give the student: 1) the ability to stand against the thoughts and ideas of the secular culture, 2) an adequate and logical defense for the hope they have within them, and 3) the ability to take the truth of Christianity into various disciplines. The text, *Worldviews of the Western World, Vol. 2 & 3*, by David Quine uses Francis Schaeffer's *How Shall We Then Live* as the structure for this 3-year study of western culture. In this second year, students compare and contrast the Renaissance view of life with that of the Reformation.

Text: *World View of the Western World, Vol. 2 & 3*, by David Quine, *How Should We Then Live*, *The Trilogy*, *The Universe Next Door*, *Institutes of Christian Religion*, *Patriot's Handbook*, *Rise to Rebellion*, *Reasonableness of Christianity*, *Second Treatise of Government*, *Communist Manifesto*, *The Law*, *Soul of Science*, *Paradise Lost*, *Animal Farm*, *Divine Comedy-Paradise*, *Purgatory*, *Hell*, *Great Political Theories V.1: A Comprehensive Selection of the Crucial Ideas in Political Philosophy from the Greeks to the Enlightenment*, *Great Political Theories V.2: A Comprehensive Selection of the Crucial Ideas in Political Philosophy from the French Revolution to Modern Times*.

The tutor: Elizabeth Mock received a BA in writing and philosophy from Geneva College. She has taught at PEP for three years and previously taught 9th grade English for 2 years at Petersburg High School in Virginia. Miss Mock is a wonderful asset to the Tutor Team at PEP. Elizabeth has a passion for the Lord and brings a wealth of Biblical Worldview knowledge to the table to share with her students.

Humanities Core F:(9th-12th grade, 12th grade suggested)

***(Logic is a pre or co-requisite for Core F)**

*** Modern History**

A detailed high school level study of western cultures, in which students will learn about world history, culture, and literature from the 19th Century through the present.

Text: *Western Civilization*, by Jackson Spielvogel

The tutor: Liisa Futoran holds a BA in History and a minor in Education from Covenant College. She has taught History, Government, Bible, P.E., and Music at schools in California, North Carolina, and Germany. Currently she directs an adult church choir and leads and disciples girls and women.

***Rhetoric and Literature II**

Second year of a 2-year study of the art and science of persuasion, taken from Aristotle's *The Rhetoric*. We read and analyze essays, speeches, letters and discourses from Socrates to the present. In addition, each quarter the students will be reading and analyzing a piece of classic literature, which is also read in Western Thought III. *Prerequisite: Rhetoric I

Text: *The World's Greatest Speeches*, purchase curriculum from tutor, *MLA Handbook for Writers of Research Papers* (7th edition).

The tutor: Tyler Howat is a graduate of Miami University, with a double major in history and English. He has taught composition and rhetoric at PEP for three years and has interned at Faith Church in the junior/senior high youth group.

*** Western Thought III**

(Culture/Philosophy/Theology/Apologetics/Literature/Political Theory)

This interdisciplinary worldview study is designed to give the student: 1) the ability to stand against the thoughts and ideas of the secular culture, 2) an adequate and logical defense for the hope they have within them, and 3) the ability to take the truth of Christianity into various disciplines. A modified Oxford style tutorial method will be used to give students experience in defending their positions.

Text: *True Spirituality, Sophie's World, The Universe Next Door, The Trilogy, Soul of Science, How Should We Then Live, The Old Man and the Sea, The Plague, Walden Two, Readings in Christian Ethics, America's Providential History, First Steps to Statesmanship, Sir Wm. Blackstone and the Common Law.*

The Tutor: Andy Ziegenfuss is a pastor at Grace Baptist Church in Mason and has been a PEP tutor for three years. He graduated from Cedarville University and has a Masters of Divinity.

Other Essential Courses

Art Around the World, Jr. (7th-8th grades)

In this course students will be discovering an artwork inspired by a different cultural group each week. Masks, mosaics, cave paintings, calligraphy, printmaking, and painted stained glass are just a few of the unique projects that are planned. Students will enjoy learning about cultures vastly different from their own, and using unusual techniques and materials to create an impressive body of work. Come join the fun!

The tutor: Marilyn Lebhar holds a Bachelor of Fine Art from Bucknell University. She was a graphic designer for seven years before being blessed with two sons. At Mars Hill Academy, she developed the fine arts and art history curriculum for the 1st through 8th grades, which she then taught for 31/2 years. After an exciting overseas assignment to Costa Rica, where she taught art to home schoolers and also studied watercolor, she returned to the States and has now taught with PEP for the last six years.

Art & Art History I

This is a foundational course for all beginning artists with an introduction to the use of pencil, charcoal, black ink, chalk pastels, colored pencils and watercolor. Through selected projects the students will learn contour line, shading, one and two point perspective, color theory, and portraiture. Students will also be introduced to a broad sweep of Art History starting with early Christian Art and ending with Modern Art. The emphasis will be on understanding how art is a reflection of the culture and the philosophy of Western Civilization.

The tutor: Marilyn Lebhar holds a Bachelor of Fine Art from Bucknell University. She was a graphic designer for seven years before being blessed with two sons. At Mars Hill Academy, she developed the fine arts and art history curriculum for the 1st through 8th grades, which she then taught for 31/2 years. After an exciting overseas assignment to Costa Rica, where she taught art to home schoolers and also studied watercolor, she returned to the States and has now taught with PEP for the last six years.

Art & Art History II

This course is offered to students who have completed the Art & Art History I course or a comparable course of study. Having more of a problem-solving emphasis, the students will use their knowledge, creativity, and skill to solve various art problems. (For example: create a metamorphosis drawing in four stages where a common kitchen gadget becomes an animal). Two-dimensional as well as three-dimensional projects will be assigned and students will have the opportunity to continue the development and practice of their art skills as they relate to the medium used. The study of various artists and historical periods will be continued as they relate to the problems to be solved

The tutor: Marilyn Lebhar holds a Bachelor of Fine Art from Bucknell University. She was a graphic designer for seven years before being blessed with two sons. At Mars Hill Academy, she developed the fine arts and art history curriculum for the 1st through 8th grades, which she then taught for 31/2 years. After an exciting overseas assignment to Costa Rica, where she taught art to home schoolers and also studied watercolor, she returned to the States and has now taught with PEP for the last six years.

Government & Economics

This course will equip students to reclaim this nation in the spirit of the American founding. We take students from the Constitutional Convention and the meaning of original intent to an in-depth analysis of pivotal Supreme Court decisions—and explain how judicial tyranny is eroding our liberties. We introduce students to man and his environment and basic concepts in the world of economics—presenting microeconomic topics beginning with the individual consumer/producer, then to the firm, next to individual markets and finally to the economy as a whole. The Bible is used as a benchmark.

Text: *Constitutional Law for the Enlightened Citizen*, by Michael Farris, *Economics: Principles and Policy from a Christian Perspective* by Tom Rose.

The tutor: Brian Clayton has a Master's Degree in Education from Xavier University and is a published author with 3 books available at Amazon. In addition to his eight years of experience as a teacher, he is married with two children and is the owner and President of Armistead Publishing. He brings with him a wealth of knowledge and experience and is very excited to share his gifts at PEP.

Logic – Pre-requisite for Cores D, E & F (recommended study for Core C)

The first semester is an introductory course in formal logic. The course work will introduce students to an understanding of the Christian theory of knowledge and present an in-depth study of the classical syllogism. The second semester is an advanced formal logic course. It covers the four figures of the traditional syllogism, the three forms of rhetorical arguments (called enthymemes), the three kinds of hypothetical syllogisms, the four kinds of complex syllogisms, as well as relational arguments. In-class discussion will augment the “what and how” with opportunities to “do”. Learning to think well and to think critically is the goal.

Text: *Introductory Logic*, by Nance & Wilson

The tutor: Elizabeth Mock received a BA in writing and philosophy from Geneva College. She has taught at PEP for three years and previously taught 9th grade English for 2 years at Petersburg High School in Virginia. Miss Mock is a wonderful asset to the Tutor Team at PEP. Elizabeth has a passion for the Lord and brings a wealth of Biblical Worldview knowledge to the table to share with her students.

LANGUAGES

French I

This course presents the basics of the French language as spoken in Europe. It follows the experiences of an American missionary family as they learn to adapt to the language and culture of France. The step-by-step approach to learning grammar builds on previously learned principles as the student progresses. The student learns greetings, very conjugations, basic survival vocabulary, pronunciation

rules, grammatical structures, and cultural highlights. They develop basic reading and conversational abilities, learning to understand and apply practically what he learns rather than simply memorizing facts and rote phrases.

Text: *French I* by BJU Press, *Student Activities Manual*

The tutor: Ann Beyersdorff has taught math for many years in co-ops and privately. She has a Masters in Education and a BA in French, Bible and Theology. Her passion for teaching and love for the Lord make her a great addition to PEP.

Latin I & II

Classical Latin is a language that educated people of all nations have studied for 2000 years. In this study you will increase your English vocabulary (and your SAT scores), better understand the structure of the English language, and learn the culture of Ancient Rome, all while learning a new language. This is an academic course requiring a dedicated student.

Text: Copy fee, *Cassells Concise Latin Dictionary*

The tutor: Toni Kraft attended the University of Cincinnati on a Semple Scholarship and received a B.S. in Classics and a B.A. in Medical Technology. She took Latin classes grades 7-12 at Walnut Hills High School. For the past several years she has been teaching Latin at the Learning Tree Co-op and tutoring high school students from both public and private schools. Toni has been teaching Latin at PEP Milford since the first year. She has been a homeschool mother for many years.

Spanish I

Spanish I students will be introduced to the basics of the Spanish language. Their vocabulary will increase as they hear and retell short stories in Spanish. They will gain a general understanding of verb conjugation, sentence structure and basic Spanish grammar. They will master present tense verb conjugation. Spanish songs and verses will contribute to their vocabulary.

Text: *Spanish – One Year* (purchase book from tutor)

The tutor: Tracy Southworth has a BA in Elementary Education from Asbury College. She has taught in Christian schools and homeschool co-ops for over 20 years. She has a passion for missions and delights in teaching students Spanish with the hope that they may some day want to use the language to reach out and make a difference for the Kingdom.

Spanish II

In this course we will review present tense verbs, focusing on irregular verbs. Then we will introduce past tense and future tense verb conjugation through the use of short Spanish stories. They will develop more of an ear for understanding the spoken language as well as becoming more creative and fluent in speaking. They will be introduced to more advanced grammar including reflexive verbs and Indirect and Direct object pronoun placement in sentences. They will continue to increase their vocabulary through the use of stories, songs, verses and general classroom conversation.

Text: *Spanish – Two Year* (purchase book from Tutor)

The tutor: Tracie Russell has a degree in Spanish Literature and Language from the University of Cincinnati. She has traveled extensively throughout Spain, Mexico, and South America for her job and

for pleasure. She is the Spanish language book buyer for an international book company in Cincinnati. She also teaches Spanish I – IV at several area co-ops in Cincinnati and loves to teach students about loving God in another language!

Spanish III

Spanish III students will master past and future tense verb conjugation forms. They will begin to work with many other verb conjugation forms including conditional and superlative. The class will be conducted mostly in Spanish and the students will have much interaction with speaking and understanding it. With the use of stories, songs, verses and sayings, they will begin to speak it more and communicate better in the target language.

Text: *Spanish – Three Years* (purchase book from Tutor)

The tutor: Tracie Russell has a degree in Spanish Literature and Language from the University of Cincinnati. She has traveled extensively throughout Spain, Mexico, and South America for her job and for pleasure. She is the Spanish language book buyer for an international book company in Cincinnati. She also teaches Spanish I – IV at several area co-ops in Cincinnati and loves to teach students about loving God in another language!

Mathematics

Pre-Algebra

The McDougal Littell series of math provides an excellent curriculum for students. There are many varied levels of problems for each lesson, as well as practice tests, standardized test practices and real-world problem solving in each chapter. On line helps include quizzes throughout the chapters and a power point view of each lesson the teacher goes over in class.

Text: *Pre-Algebra* by McDougal Littell

The tutor: Carrie Sponseller has BS in Education from Miami University.

Algebra I

The McDougal Littell series of math provides an excellent curriculum for students. There are many varied levels of problems for each lesson, as well as practice tests, standardized test practices and real-world problem solving in each chapter. On line helps include quizzes throughout the chapters and a power point view of each lesson the teacher goes over in class.

Text: *Algebra I* by McDougal Littell

The tutor: Carol Stearns has a BS in math with an emphasis in foreign languages. She has homeschooled her children in grades K-12 and is a tutor at the Dayton Gospel Mission. She is working on her master degree in Education at Cedarville University.

Geometry

The McDougal Littell series of math provides an excellent curriculum for students. There are many varied levels of problems for each lesson, as well as practice tests, standardized test practices and real-world problem solving in each chapter. On line helps include quizzes throughout the chapters and a power point view of each lesson the teacher goes over in class.

Text: *Geometry* by McDougal Littell

The tutor: Sarah Furia has a BS in Systems Analysis from Miami University and a Masters in Math from the University of Cincinnati. She was a high school math teacher for 5 years and loves helping her students enjoy the beauty, order and structure of mathematics.

Algebra II

The McDougal Littell series of math provides an excellent curriculum for students. There are many varied levels of problems for each lesson, as well as practice tests, standardized test practices and real-world problem solving in each chapter. On line helps include quizzes throughout the chapters and a power point view of each lesson the teacher goes over in class.

Text: *Algebra II* by McDougal Littell

The tutor: Kate Gray earned a BS in Education with Math and General Science concentration, 7-12 from Akron University and worked toward a degree in Mechanical Engineering for three years at Case Western Reserve University and Accounting for one year at Miami University. She is trained as a Precept inductive Bible teacher. Kate is the mother of seven children.

Pre-Calculus

Pre-Calculus covers topics in four main areas of mathematics: functions, systems of equations and inequalities, analytic geometry and probability. Under the heading of "functions," many different types are discussed: linear, polynomial, exponential, logarithmic and trigonometric. Analytic geometry examines circles, parabolas, ellipses, hyperbolas, and polar coordinates. Real life applications of these topics are introduced consistently throughout the text and the graphing calculator is used extensively to enhance the students' abilities to solve more labor-intensive mathematical challenges.

Text: *Pre-Calculus* by Larson

The tutor: Carmen Swedes has a Bachelor of Science in Mechanical Engineering and a Masters of Science in Mathematics Education, Secondary Mathematics Education emphasis from Purdue University. She has taught math at the high school and college levels and has also been a private tutor, as well as a tutor for PEP Milford.

Calculus

Saxon Calculus: Covers calculus, trigonometry, and analytic geometry, with emphasis on application to physics, chemistry, engineering, and business.

Text: *Calculus* by Saxon

The Tutor: Carmen Swedes has a Bachelor of Science in Mechanical Engineering and a Masters of Science in Mathematics Education, Secondary Mathematics Education emphasis from Purdue University. She has taught math at the high school and college levels and has also been a private tutor, as well as a tutor for PEP Milford.

Sciences

Advanced Physics (recommended 12th grade)

This college-prep physics course is designed for the student who has completed Algebra II. It provides a detailed introduction to the methods and concepts of general physics. It provides the student Newton's Laws of Motion and Gravity, Thermodynamics, Electricity and Coulomb's Law, Waves and Fields, Einstein's Theory of Special Relativity and General Relativity, Quantum Mechanics, and Biophysics and Complex Systems. This is considered a lab science.

Text: *Physics: Principles with Applications*, 5th edition by Giancoli

The tutor: Kate Gray earned a BS in Education with Math and General Science concentration, 7-12 from Akron University and worked toward a degree in Mechanical Engineering for three years at Case Western Reserve University and Accounting for one year at Miami University. She is trained as a Precept inductive Bible teacher. Kate is the mother of seven children.

Anatomy and Physiology (recommended 11th or 12th grade)

This advanced high school course covers both the anatomy and the physiology of the human body and its eleven organ systems. We will focus on basic anatomical terminology and the organization of the body as a whole, as well as the structure and function of the various organ systems and how these systems work together. The course will include microscope observations and specimen dissections. In addition to the textbook work, students will complete coloring and workbook exercises, review case studies pertinent to each system, examine disorders of each system, and write reviews of current articles related to the subject matter. In order to take this course, the student MUST have completed a first-year biology course.

Text: *Introduction to the Human Body: The Essentials of Anatomy and Physiology, Anatomy & Physiology Coloring Workbook, A Complete Study Guide* – 8th edition.

The tutor: TBD

Biology (recommended 11th grade)

This course is designed to be taken in the student's 11th grade year. Although not a prerequisite, Conceptual Physics and Chemistry will help the student gain a full understanding of topics such as: cellular biology, genetics, biotechnology, origins, microbiology, botany, and zoology. This is considered a lab science.

Text: *Biology*, by BJUPress

The tutor: Carl Barrows has a BA in Biology and an MS in Microbiology and Immunology. This summer he will be earning his MS from the Institute of Creation Research. He has a passion for teaching and his professional experience in research will be well used in the classroom.

Chemistry (recommended 10th grade)

This is a first-year college preparatory chemistry course, which covers measurements and units, energy and heat, atoms and molecules, classification of matter, naming and writing chemical formulas, the periodic table, the mole concept, stoichiometry, atomic and molecular structure, molecular geometry,

ionic and covalent bonding, acids and bases, solutions, the gas laws, thermodynamics, kinetics, chemical equilibrium, and reduction/oxidation reactions. The course will include lab experiments to learn basic lab skills, practice experiment procedures, and write lab reports. In order to take this course, a student MUST have completed Algebra I. This is considered a lab science.

Text: *Prentice Hall Chemistry*

The tutor: TBD

Conceptual Physics (recommended 9th grade)

Like a three-legged stool, a thorough science education requires a solid foundation in three disciplines, physics, chemistry and biology. The knowledge of physics is essential to fully understanding the other two disciplines. This course is designed to be an introduction to physics and to lay a foundation for the upper sciences. It is required that the student have completed or currently be enrolled in Algebra I and is considered to be a lab science.

Text: *Conceptual Physics* by Paul Hewitt

The tutor: Kate Gray earned a BS in Education with Math and General Science concentration, 7-12 from Akron University and worked toward a degree in Mechanical Engineering for three years at Case Western Reserve University and Accounting for one year at Miami University. She is trained as a Precept inductive Bible teacher. Kate is the mother of seven children.

Earth & Space Science (recommended 8th grade)

The Student Text is newly revised to proclaim God's handiwork through study of the physical universe. Affirming the young earth Creation view of the Earth's history and rejecting the uniformitarian/evolutionary models pervading our culture, the material presents a testimony of God's judgment and plan for redemption through the study of scientific philosophy and models, outer space meteorology, geology and oceanography/hydrology.

Text: *Space & Earth Science*, 3rd edition by BJUPress

The tutor: Lisa McAfee has a BA in education from Miami University and has taught for many years, including 3 years at PEP and 4 years at Cincinnati Christian Schools. She has home schooled her children and her passion for people will make geography come alive for her students.

Life Science (7th grade recommended)

This hands-on class introduces the living world with all of its wonders. Topics covered are classification, cellular biology, genetics, and the differences between creation and evolution. These provide a firm foundation for the chapters on microbiology, botany, zoology, ecology, and human anatomy.

Text: *Life Science*, 3rd edition by BJUPress

The Tutor: Linda is a Milford High School graduate who has a Bachelor Degree of Science and Education from Ohio University and a Masters Degree from the University of Delaware. She has many years of experience teaching, but has spent the last 25 years teaching Gifted

Students locally. Linda was baptized into Christ at age 9 and has been involved with her church ever since. She has a servant's heart for furthering the Kingdom and we will be blessed by her skills and insight in the PEP classroom.

ENRICHMENT & NON-GRADED CLUBS

Choir – 2nd Semester Only

This club will focus on learning different pieces for the Fine Arts Night performance. Club members must be taking at least one PEP class and the club will extend over 3rd & 4th quarters. There is a \$30 fee and specific attire will be needed for the performance.

The tutor: Liisa Futoran holds a BA in History and a minor in Education from Covenant College. She has taught History, Government, Bible, P.E., and Music at schools in California, North Carolina, and Germany. Currently she directs an adult church choir and leads and discipled girls and women.

Debate Team

If you would like to take advantage of the opportunity to learn how to debate then sign up for the newly forming PEP debate class. Students who sign up will learn the format and techniques of two on two collegiate debate. This will include how to deliver constructive and rebuttal arguments as well as how to cross-examine your opponent. Students will also learn how to flow a debate and how to score a debate. Each student will participate in numerous debates in class throughout the academic year. This is great preparation for college, law school, politics, apologetics, etc. This type of course increases the student's confidence in "thinking on their feet." It also looks good on applications for college admission. Mr. Clayton has collegiate debate experience in both NDT (National Debate Tournament) and CEDA (Cross Examination Debate Association).

The tutor: Brian Clayton has a Master's Degree in Education from Xavier University and is a published author with 3 books available at Amazon. In addition to his eight years of experience as a teacher, he is married with two children and is the owner and President of Armistead Publishing. He brings with him a wealth of knowledge and experience and is very excited to share his gifts at PEP.

Drama Club – 1st Semester Only

This club will be open to all PEP students who desire to further their drama skills through class and performance. Club members must be taking at least one PEP class, and the club will extend over first and second quarters. The program choice is yet to be determined, but sample scripts and audition dates will be sent to all club members prior to the start of class.

Drama Club Goals:

- *To provide a non-threatening yet entertaining theatrical environment promoting character development and fun.
- *To introduce or develop necessary acting skills such as theater language, staging, blocking and delivery.
- *To audition and perform on stage in a full-length program including sets, lights and costumes.
- *To develop an awareness of how God is working in each of their lives and further the understanding that everything they do on or off the stage matters for the Kingdom.

Drama Club will meet weekly with extra rehearsals/dress rehearsal scheduled as we near the performance date.

Club Dues: \$30.00 plus reasonable costume needs will be student's responsibility.

The tutor: Tyler Howat is a graduate of Miami University, with a double major in history and English. He has taught composition and rhetoric at PEP for three years and has interned at Faith Church in the junior/senior high youth group.

SAT Prep (Fall only)

Students will be guided through an SAT prep course in order to prepare for the new SAT test. The course will focus on general SAT strategies as well as specific strategies for the Math, Critical Reading, and Writing sections of the test. Students will take several sample SAT tests during the course.

Text: *The Official SAT Study Guide*

The tutor: Sarah Furia has a BS in Systems Analysis from Miami University and a Masters in Math from the University of Cincinnati. She was a high school math teacher for 5 years and loves helping her students enjoy the beauty, order and structure of mathematics.

Writer's Guild

The PEP Writer's Guild is open to 9th-12th grade Humanities Core students only. This enrichment, non-graded workshop will focus on mastering a couple of poetic writings and a couple of solid short stories throughout the year. The students will also participate in poetry reading throughout the year and be required to work on PEP's Literary Magazine. The PEP Literary Magazine is a publication in which anyone at PEP could submit poetry, short stories, creative non-fiction, and other creative written works. Students in the PEP's Writer's Guild will be required to work a set number of hours for the literary magazine, but nothing excessive. Students do not have to be in the PEP Writer's Guild, however, to work on the literary magazine. This student publication would be released annually concurrent with PEP's Fine Arts Night. We need to have a representation of the beauty and art of the written word next year! There would be also editor positions, for which students would have to apply next fall.

The Tutor: Elizabeth Mock received a BA in writing and philosophy from Geneva College. She has taught at PEP for three years and previously taught 9th grade English for 2 years at Petersburg High School in Virginia. Miss Mock is a wonderful asset to the Tutor Team at PEP. Elizabeth has a passion for the Lord and brings a wealth of Biblical Worldview knowledge to the table to share with her students.

7/13/2009