



2027 IVA Elementary School Course Catalog

At Ignitia Virtual Academy (IVA), we're excited to offer a diverse selection of faith-based and traditional courses designed to support every student's educational journey. Courses designated as *Secular* use a traditional curriculum, while all other courses are taught from a biblical worldview. Our team is happy to answer any questions about our course offerings.

Our 3–5 program provides elementary students with a strong academic foundation through four core courses, with the option to add a grade-level Bible course.

⚠ Parent involvement is essential in this program. At the elementary level, students need daily support and guidance from a parent or learning coach to stay on track and succeed. Families play a hands-on role in the learning process, partnering with us to ensure students get the most from their courses.

Course offerings are subject to change based on teacher availability and class capacity. Unless otherwise noted with an asterisk (*), all courses are **full-year** courses divided into two semesters—**Semester A** and **Semester B**. Refer to the **key** below for information on one-semester courses, limited seating, and other important information.

KEY: * One-Semester Course | ° Limited Seating / Waitlist or Extended Enrollment Processing | ^{CR} Credit Recovery Available | ◇ Secular Course

ELEMENTARY SCHOOL — COURSE OFFERINGS

LANGUAGE ARTS

- Language Arts 3 ^{CR}
- Language Arts 4 ^{CR}
- Language Arts 5 ^{CR}

MATHEMATICS

- Mathematics 3 ^{CR}
- Mathematics 4 ^{CR}
- Mathematics 5 ^{CR}

SCIENCE

- Science 3 ^{CR}
- Science 4 ^{CR}
- Science 5 ^{CR}

SOCIAL STUDIES

- History and Geography 3 ^{CR}
- History and Geography 4 ^{CR}
- History and Geography 5 ^{CR}

BIBLE

- Bible 3 ^{CR}
- Bible 4 ^{CR}
- Bible 5 ^{CR}

MUSIC

- Recorders Level 1*◇

ART

- K Arts and Crafts◇
- 1 Arts and Crafts◇
- 2 Arts and Crafts◇
- Art Level 1*◇
- Art Level 2*◇
- Art Level 3*◇
- Art Level 4*◇

TECHNOLOGY

- Keyboarding*◇
- Scratch Coding*◇

HEALTH & P.E.

- K Health◇
- 1 Health◇
- 2 Health◇
- 3 Health◇
- 4 Health◇
- 5 Health◇
- Health Quest*
- K Physical Education◇
- 1 Physical Education◇
- 2 Physical Education◇
- 3 Physical Education◇
- 4 Physical Education◇
- 5 Physical Education◇

COURSE DESCRIPTIONS

LANGUAGE ARTS

LANGUAGE ARTS 3 ^{CR}

Language Arts 3 focuses on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways: understand and recognize rules for capitalization and vowels, as well as identifying a main idea; write complete sentences with proper capitalization and organize words into alphabetical order; apply understanding of dictionary use, identifying word parts, and defining vocabulary; differentiate parts of speech, irregular vowel sounds, as well as practicing reading comprehension strategies; use commas properly and recognize words with silent letters; identify cause and effect in a passage, recognize homographs, and read and understand Haiku poetry; use suffixes and pronouns to improve writing such as friendly letters, as well as applying strategies for following directions; read and describe parts of a play and recognize root words and adjectives that compare; and apply reading strategies of classifying, references, and predictions, as well as write thank-you letters.

LANGUAGE ARTS 4 ^{CR}

Language Arts 4 focuses on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways: apply skills for reading fluency and writing a report; read for meaning in instructions, poetry, and fictional stories; identify word parts and types such as prefixes, suffixes, synonyms, and antonyms; identify parts of speech and types of sentences; use reading strategies to understand a passage and write cohesive paragraphs; explain characteristics of strong poetry and research-based reports; differentiate forms of literature including fables, tall tales, and biographies; analyze literature for language use; and plan, organize, and write a research-based report.

LANGUAGE ARTS 5 ^{CR}

Language Arts 5 continues to build on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways: understanding main ideas and the author's message through vocabulary; reading stories and poetry to review comprehension skills, mood, and compound words; exploring parts of speech and language including prefixes, suffixes, homonyms, and idioms; applying strategies for effective communication in writing and speech; reading and writing stories efficiently including use of dialogue; identifying characteristics of different types of poetry; exploring reading passages and applying knowledge of story parts and language; using language effectively to describe and compare; and planning, drafting, and editing a research-based report.

MATHEMATICS

MATHEMATICS 3 ^{CR}

Build confidence and problem-solving skills with print-based lessons that bring math to life. This full-year course strengthens number sense and introduces multiplication, division, and early geometry through interactive, hands-on learning. In this course, students will learn multiplication and division, fractions basics, measurement skills, and problem solving. With engaging activities, puzzles, and

practice problems, students grow in both speed and accuracy, building a strong foundation in computation and preparing learners for more advanced math in future grades.

MATHEMATICS 4 ^{CR}

Multiply your student's confidence and skills with fun, hands-on lessons that make math meaningful. This full-year course builds fluency in computation, introduces key geometry and data concepts, and strengthens problem-solving through colorful visuals and engaging practice. In this course, students will learn multi-digit operations, fractions and decimals, geometry and angles, and word problems. Charts and graphs are included in this online course to aid understanding, and activities, games, and real-world examples make math accessible and enjoyable.

MATHEMATICS 5 ^{CR}

Divide and conquer core math skills with engaging, interactive lessons designed to build confidence and fluency. This full-year course strengthens students' understanding of operations, fractions, and measurement while introducing key concepts in data and geometry. In this course, students will learn fractions and decimals, volume and measurement, geometry concepts, and word problem solving. With visual aids, real-world examples, and step-by-step instruction, students deepen their problem-solving abilities and mathematical reasoning, preparing learners for advanced upper-elementary and middle school math with a solid foundation in key concepts.

SCIENCE

SCIENCE 3 ^{CR}

Science 3 is a basic elementary course intended to expose students to the designs and patterns in God's physical universe. This course provides a broad survey of the major areas of science. Some of the areas covered in Science 3 include the human body, plants, animals, health and nutrition, matter, sound waves, earth science, and heat energy. The course seeks to develop the student's ability to understand and participate in scientific inquiry. The units contain experiments and projects designed to build on children's natural curiosity. The student will explore, observe, and manipulate everyday objects and materials in their environment. Collectively, this should help students develop a subject-matter knowledge base.

SCIENCE 4 ^{CR}

Science 4 is a basic elementary course intended to expose students to the designs and patterns in God's physical universe. This course builds on concepts taught in Science 3, providing a broad survey of the major areas of science. Some of the areas covered in Science 4 include the study of plants and animals, ecology, work and simple machines, electricity and magnetism, properties of water and matter, weather, solar system, and the different spheres of earth. The course seeks to develop the student's ability to understand and participate in scientific inquiry. The units contain experiments and projects to capitalize on children's natural curiosity. The student will explore, observe, and manipulate everyday objects and materials in their environment. Collectively, this should help students develop and build on their subject-matter knowledge base.

SCIENCE 5 ^{CR}

Science 5 is a basic elementary course intended to expose students to the designs and patterns in God's physical universe. This course expands on the Science 3 and Science 4 courses, providing a broad survey of the major areas of science. Some of the areas covered in Science 5 include the study of cells, plants and animals, ecology, energy, geology, properties of matter, and the natural cycles of life. The course seeks to develop the student's ability to understand and participate in scientific inquiry. The units contain experiments and projects to capitalize on the students' natural curiosity. The student will explore, observe, and manipulate everyday

objects and materials in their environment. Students at this level should begin to understand interrelationships between organisms, recognize patterns in ecosystems, and become aware of the cellular dimensions of living systems. Collectively, this should help students develop and build on their subject-matter knowledge base.

SOCIAL STUDIES

HISTORY AND GEOGRAPHY 3 ^{CR}

The third grade curriculum is an exploration of the history and geography of the United States. The intent of the course is to give the student an overview of the United States. The student will learn map terminology such as latitude, longitude, and compass rose. These and other geographical terms, along with an overview of the geography of the United States, will help the student discuss and understand the geography of the United States.

HISTORY AND GEOGRAPHY 4 ^{CR}

History and Geography 4 continues the process of developing in students an understanding of and appreciation for God's activity as seen in the record of man and his relationships. The course focuses on World Geography, describing the surface of the Earth and its natural features (biomes). It also teaches about cultural distinctives, placing special emphasis on North American geography and culture. Then, expanding on instruction, it presents a survey of Earth and space explorations. These areas of focus target three major content strands: Geography, History, and Social Studies Skills.

HISTORY AND GEOGRAPHY 5 ^{CR}

History and Geography 5 continues the process of developing in students an understanding of and appreciation for God's activity as seen in the record of man and his relationships. It focuses on two major areas, American History and Geography. The course covers American History from early exploration through the Reconstruction, with special emphasis given to inventions and technology of the 19th and early 20th centuries, and geography of the Americas, with special emphasis on Mexico, Canada, and U.S. regional geography. These areas of focus target four major content strands: History, Geography, Government and Citizenship, and Social Studies Skills.

BIBLE

BIBLE 3 ^{CR}

Bible 3 begins a developmental and in-depth academic study of the teachings of the Old and New Testaments. It focuses on Christian living, the lives of Jesus and Joseph, Bible study methods, Bible archaeology, friendship, and Christian service. These areas target five content strands: biblical literature, biblical background, Christian growth, Christian evidences, and friendship (a special topic).

BIBLE 4 ^{CR}

Bible 4 provides a developmental and in-depth academic study of the teachings of the Old and New Testaments. It focuses on the lives of Peter and Paul (also known as Saul), the existence and knowledge of God, Bible study methods, Psalm 23, Old Testament geography, and Christian witnessing. These areas target five content strands: theology, the attributes of God, biblical literature, biblical background, and Christian evidences.

BIBLE 5 ^{CR}

Bible 500 provides a developmental and in-depth academic study of the teachings of the Old and New Testaments. It focuses on biographies of faithful people, angels, the presence of God, Bible study methods, the Christian's relationships, and Paul's missionary journeys. These areas target five content strands: theology, the attributes of God, biblical literature, biblical background, and Christian evidences.

MUSIC

ELEMENTARY MUSIC – RECORDERS LEVEL I*◇

This course combines music and performing arts. Students will experience and learn new songs and perform them using their bodies. In addition, the student will begin learning how to play the recorder.

ART

KINDERGARTEN ARTS AND CRAFTS SEMESTER A*◇

This course provides a foundation for children's inherent artistic imagination and creativity by sharing the basics of art and making art. Students are introduced to lines, circles, recognizing and using shapes, creating a collage, and concepts such as symmetry. Young artists will also explore a variety of media such as pastels, watercolors, crayons, tempera, and pencil drawing. A particular emphasis on this course is on creating works of art. In this semester students will work with clay, draw with pastels, make fingerprint flowers, draw barns and animals using shapes, and recognizing lines using the student's name.

KINDERGARTEN ARTS AND CRAFTS SEMESTER B*◇

Emphasis in the second semester is placed on applying what the students have learned to make more detailed works of art. Among the projects this semester, students will create a bird feeder, make pig puppets, craft paper flowers, make potpourri, craft a heart collage, construct a wind chime, and press flowers.

GRADE 1 ARTS AND CRAFTS SEMESTER A*◇

This course provides a foundation for children's inherent artistic imagination and creativity by sharing the basics of art and making art. Students are introduced to primary colors, the color wheel, shapes such as lines and circles, and concepts such as symmetry. Young artists will also explore a variety of media such as pastels, watercolors, crayons, tempera, and pencil drawing. A particular emphasis on this course is on creating works of art. In this semester students will create a watercolor tree, use a printing block, produce weather painting, and produce a watercolor painting.

GRADE 1 ARTS AND CRAFTS SEMESTER B*◇

Emphasis in the second semester is placed on applying what the students have learned to make more detailed works of art. In this semester students will create colorful calendars, stencil, fashion intricate flower drawings, revisit symmetrical objects, and mix colors. This course will provide students with opportunities to experience many different forms of arts and to express their imagination while learning valuable skills. Each student is an individual with unique ideas and talents. Our goal is to provide each student an opportunity for personal growth for themselves and the world in which we live.

GRADE 2 ARTS AND CRAFTS SEMESTER A*◇

Art provides an opportunity for children to develop the use of their senses directly and encourages the student to further develop what they already know as a source of knowledge and creativity. Art offers the student an opportunity to express feelings and emotions in their drawings and with color. Arts and Crafts promote self-esteem and self-awareness as it enhances personal fulfillment. Children have a wonderful imagination that, if encouraged, will be needed throughout their life. This course provides an opportunity for self-discipline through instruction and cooperation while providing the student with an opportunity for self-expression by using imaginative thinking for creative solutions. Learners will begin the course by creating a color wheel and understanding the difference between primary, secondary, and complementary colors. Learners will use watercolors to create a value chart and begin to understand symmetry in art. At the end of the semester, students will work with clay and create a Memorial Clay.

GRADE 2 ARTS AND CRAFTS SEMESTER B*◇

In semester B of Arts and Crafts, students continue to explore their creativity while also learning ways that art can be functional and add to objects and materials that we use on an everyday basis. Students will begin the semester by creating a 12-month calendar. The students will focus on new month each week. They will also be able to pick a different clay project each week from The Book of Nature Crafts and/or Clay Fun. Once students have completed the calendar project, they will begin to work on form drawing and make a seasonal chart using objects familiar with each of the four seasons. The course concludes with students working with wet crayons and wet paper. This course will provide students with opportunities to experience many different forms of arts and to express their imagination while learning valuable skills. Each student is an individual with unique ideas and talents. Our goal is to provide each student an opportunity for personal growth for themselves and the world in which we live.

ART DEVELOPMENT LEVEL 1*◇

Art Development Level 1 offers the student an opportunity to express feelings and emotions in their drawings and with color. Home, family, friends, pets, and toys are the young student's world. Students will explore their personal world through colors, lines, shapes, symmetry/mirror painting, and printmaking to promote self-esteem and self-awareness. Emphasis is placed on greater awareness of details and development of fine motor skills. This course encourages the development of self-discipline through instruction and cooperation, while providing the student with an opportunity for self-expression by using imaginative thinking for creative solutions. This course is designed for third-grade students.

ART DEVELOPMENT LEVEL 2*◇

In Level 2 of Art Development, students continue to explore self-expression, awareness of details, development of fine motor skills, cooperation, and self-discipline through a variety of mediums and the mixing of mediums to create artwork. Art provides an opportunity for children to develop the use of their senses directly and encourages the student to further develop what they already know as a source of knowledge and creativity. It is important for the student to make a connection between the verbal and visual, logic and emotions, and imagination and reality. In this course, students will do so by using color, shapes, symmetry, and lines for texturing and action. This course is designed for fourth-grade students.

ART DEVELOPMENT LEVEL 3*◇

Level 3 of Art Development aims to increase students' self-confidence and imagination by introducing artistic expressions and techniques from cultures around the world. The elements of color will be explored in various art forms, even combining art forms to encourage personal expression. Modern technology provides opportunities for the student to observe this history. The Level 3 Art Development student will explore some of these elements themselves in their own artwork, including the use of new materials to make art and discovering the effects of lighting on their artwork. This course is designed for fifth-grade students.

ART DEVELOPMENT LEVEL 4*◇

The Level 4 Art Development student will continue to use various tools and mediums to encourage imagination and to recognize how it can assist them in other aspects of their lives. The course begins with a review of art basics, followed by an exploration of the composition and rhythm in artwork and their importance to artistic expression. These lessons provide a deeper awareness of the world around them by experiencing the influences of other cultures and master artists. Students will generate unique ideas from personal experiences to increase their self-confidence. As an individual, each student is gifted with unique talents and ideas. The goal of this course is to provide each student with an opportunity for personal growth and self-discovery through a variety of art forms. This course is designed for fifth-grade students.

TECHNOLOGY

KEYBOARDING*◇

The keyboarding course is appropriate for elementary and middle school students. The curriculum introduces new keys by rows where students first learn the middle row, then the top row and the bottom row of the keyboard. The content is designed with a strong focus on sight and high frequency words. This course assumes no keyboarding experience and will guide them through the keyboard.

SCRATCH CODING*◇

Scratch is a program developed by MIT to teach students the basics on how computers think. This program will introduce students to real coding programs and allow them to drag and drop coding blocks, creating a fully functional program. The simple user interface and tutorials allow students to quickly create and run their code to see its results. This course assumes no prior computer coding knowledge and includes self-graded, multiple-choice tests and quizzes.

HEALTH & PHYSICAL EDUCATION

HEALTH K–1 A*◇ & B*◇

Young learners establish a basic understanding of the aspects of health. Students focus on the various aspects of their health and how they can make healthy choices. Topics of study include personal safety, healthy behaviors, nutrition, communication, disease prevention, basic anatomy and physiology, and values of cooperation and teamwork.

Units: What is Health; Health Behaviors; Nutrition; Safety; Communication; Health Helpers; Disease; Anatomy

HEALTH 2–3 A*◇ & B*◇

Young learners establish a basic understanding of the aspects of health. Students focus on the various aspects of their health and how they can make healthy choices. Topics of study include personal safety, healthy behaviors, nutrition, disease prevention, conflict resolution, basic anatomy and physiology, and the values of respect and cooperation.

Units: Health Communication; Social Health; Mental Health; Injury Prevention; Nutrition & Fitness; The Body; Disease & Drugs; Consumer & Environmental Health

HEALTH 4–5 A*◇ & B*◇

Young learners establish a basic understanding of the aspects of health. Students focus on the various aspects of their health and how they can make healthy choices. Topics of study include personal safety, reducing illness, avoiding bullying, nutrition, healthy friendships, emergency situations, and the human body.

Units: What is Health; Social Health; Personal Health; Nutrition: Influences of Health; Safety & Emergencies; Avoiding Bullying; The Human Body

HEALTH QUEST*

Health Quest is a health science elective course for upper elementary and junior high students. The curriculum introduces students to the concepts of what good health is, why good health is important, and what students should do in order to achieve good health. Upon completion of the course, students should be able to do the following: Demonstrate an awareness of health as it applies to their own bodies, minds, and emotions. Demonstrate an awareness of health as it applies to their living environments. Identify the components of a healthy lifestyle and set reasonable goals to achieve a lifestyle of wellness. Understand that incorporating sound health practices creates a lifestyle of moderation and wellness. Understand the responsibility of properly stewarding the bodies God has given them as directed in the Bible. Describe health as it applies to broader society, the world, and their own responsibility to stimulate good health around them.

PHYSICAL EDUCATION K–1 A*◇ & B*◇

Young 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 exercise safety, making healthy choices, nutrition, the benefits, components and principles of fitness, basic anatomy and physiology, and values of cooperation and teamwork. In addition, students learn age-appropriate motor, non-locomotor, and manipulative skills. Students are required to participate in regular physical activity.

Units: Your Fitness; Safety; Healthy Choices; Components of Fitness; Principles of Fitness; Game Play; Nutrition; Your Body

PHYSICAL EDUCATION 2–3 A*◇ & B*◇

Young 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.

Units: Your Fitness; Safety; What is Health; Skill and Health; Principles of Fitness; Game Play; Nutrition; Your Body

PHYSICAL EDUCATION 4–5 A*◇ & B*◇

Young 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.

Units: Course Introduction; Safety; Improving Fitness; Physical Health; Being Healthy; Game Play; Nutrition; Sportsmanship