



LEARN Academics Schedule and Course Details 2022-2023

**Material Fees are paid to the instructors directly. The fee is not applied during activity registration.
Activity Fees and Material Fees do not include textbooks, which are paid for by the parents separately.*

Click on any Activity to see course details such as description, textbooks, instructor contact and bio.

| Tuesday | Activity <i>(Click on activity for details)</i> | Grades | Instructor | Location | Activity Fee | *Material Fee |
|--------------|--|------------------------------------|----------------|--------------|--------------|---------------|
| 9:40-11:10am | Geography | 8 th -12 th | Melinda Coutts | Upper Room 4 | \$500 | \$20 |
| 1:00-2:30pm | Algebra 2 | 10 th -12 th | Beth Bass | Upper Room 4 | \$500 | \$15 |

| Wednesday | Activity <i>(Click on activity for details)</i> | Grades | Instructor | Location | Activity Fee | *Material Fee |
|-----------------|--|-----------------------------------|------------------|--------------|--------------|---------------|
| 8:00-9:30am | Introduction to Literature | 8 th -12 th | Nathaniel Miller | Upper Room 4 | \$500 | - |
| | Chemistry | 9 th -12 th | Christina Musser | Dining Hall | \$500 | \$40 |
| 9:40-11:10am | Pre-Algebra | 6 th -8 th | Melinda Coutts | Upper Room 4 | \$500 | \$10 |
| | Biology | 9 th -12 th | Christina Musser | Dining Hall | \$500 | \$35 |
| 11:20am-12:50pm | Middle School Grammar | 6 th -8 th | Suzi Brummett | Upper Room 4 | \$500 | - |
| | Earth Science | 7 th -9 th | Faith Beverly | Dining Hall | \$500 | \$40 |
| 1:00-2:30pm | General Science | 6 th -8 th | Donie Nichols | Dining Hall | \$500 | \$25 |

| Thursday | Activity <i>(Click on activity for details)</i> | Grades | Instructor | Location | Activity Fee | *Material Fee |
|-----------------|--|-----------------------------------|---------------|--------------|--------------|---------------|
| 9:40-11:10am | French 1 | 8 th -12 th | Laurie Murphy | Upper Room 3 | \$500 | \$15 |
| | Geometry | 9 th -12 th | Beth Bass | Upper Room 4 | \$500 | \$15 |
| 11:20am-12:50pm | Algebra 1 | 8 th -12 th | Beth Bass | Upper Room 4 | \$500 | \$15 |
| | French 2 | 9 th -12 th | Laurie Murphy | Upper Room 3 | \$500 | \$15 |

LEARN Academics Course Details: 2022-2023

Algebra 1

Contact Instructor: [Beth Bass](#)

- **Pre-Requisite Course:** 7th grade general math level or Pre-Algebra
- **Weekly School Work Hours at Home:** 5 hours
- **Textbooks and Materials:** Purchase from [Homeschool Gathering Place](#) or online at recommended links below.
 - *Algebra 1 Level-Up Base Set*, Math-U-See: [Demme Learning](#)
- **Description**
 - Algebra 1 teaches basic algebra concepts using symbolic reasoning. These concepts include linear equations, inequalities, graphs, systems of equations, exponents, polynomials, and quadratic equations. Additional concepts include unit multipliers, scientific notation, significant digits, and conic graphs. Problem-solving skills are emphasized when working word problems.
- **Instructor Bio**
 - Beth received her BS in Applied Mathematics from NC State University and her teaching certificate from The University of North Carolina at Chapel Hill. She taught 8th grade math, Algebra 1, and Geometry in the Wake County Public School System before starting her family. She and her husband have homeschooled their three children since kindergarten with their oldest having graduated from college. Beth has taught a variety of homeschool classes over the years and looks forward to teaching students again at New Life Camp.

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LEARN Academics Course Details: 2022-2023

Algebra 2

Contact Instructor: [Beth Bass](#)

- **Pre-Requisite Course:** Algebra 1
- **Weekly School Work Hours at Home:** 5 hours
- **Textbooks and Materials:** Purchase from [Homeschool Gathering Place](#) or online at recommended links below.
 - *Algebra 2 Universal Set*, Math-U-See: [Demme Learning](#)
- **Description**
 - Algebra 2 builds and expands upon concepts learned in Algebra 1. These include graphing, factoring, and solving linear, quadratic, and exponential functions along with solving systems of equations and conic functions. New concepts include imaginary numbers, binomial theorem, distance/midpoint formulas, distance/age/mixture problems, vectors and solving equations with three variables. Throughout the course, graphing and relating to real-life models are emphasized.
- **Instructor Bio**
 - Beth received her BS in Applied Mathematics from NC State University and her teaching certificate from The University of North Carolina at Chapel Hill. She taught 8th grade math, Algebra 1, and Geometry in the Wake County Public School System before starting her family. She and her husband have homeschooled their three children since kindergarten with their oldest having graduated from college. Beth has taught a variety of homeschool classes over the years and looks forward to teaching students again at New Life Camp.

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LEARN Academics Course Details: 2022-2023

Biology

Contact Instructor: [Christina Musser](#)

- **Weekly School Work Hours at Home:** 1 hour per day for average reader
- **Textbooks and Materials:** Purchase from [Homeschool Gathering Place](#) or online at recommended links below.
 - *Discovering Design with Biology, Student Textbook* by Dr. Jay Wile, Berean Builders
 - *Answer Key & Tests for Discovering Design with Biology* by Dr. Jay Wile, Berean Builders
 - These books are currently in preprint. The Homeschool Gathering Place will be stocking them. The books should be in and ready to order mid-summer (maybe by May 2022) if you can't get to their store. [Berean Builders](#)
- **Description**
 - High School Biology is intended to provide an introduction into the realm of biology from a Christian perspective. This activity will give the participant an understanding of the breadth of study going on in biology and prepare them for further studies in other fields of science. Heavily emphasizing the vocabulary of biology, it provides the student with a background in the scientific method, classification scheme, microscopy, biochemistry, molecular and Mendelian genetics, evolution, ecology, and dissections. Please note that this activity does not discuss human anatomy and physiology; human anatomy and physiology is such a detailed subject that it warrants its own activity.
- **Instructor Bio**
 - Christina Musser has B.S. degrees in Biochemistry and Zoology and has been teaching homeschool science classes for the last 15 years. She has homeschooled her two children from kindergarten through 12th grade. Before having children, she worked for the EPA and NCSU in Biotechnology research. She has a passion for quality science teaching that incorporates Creation Science and Intelligent Design information showing students they can both stand on God's word and be good scientists.

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LEARN Academics Course Details: 2022-2023

Chemistry

Contact Instructor: [Christina Musser](#)

- **Pre-Requisite Course:** Algebra 1
- **Weekly School Work Hours at Home:** 1-1.25 hours per day for average reader
- **Textbooks and Materials:** Purchase from [Homeschool Gathering Place](#) or online at recommended links below.
 - *Discovering Design with Chemistry, Student Text* by Dr. Jay Wile, Berean Builders
 - *Answer Key & Tests for Discovering Design with Chemistry* by Dr. Jay Wile, Berean Builders
 - Purchase both online: [Christian Book Distributors](#)
- **Description**
 - This course addresses the theoretical and mathematical basis of chemistry. This college-prep course covers topics including measurement and units, atoms and molecules, chemical and physical changes, stoichiometry, atomic and molecular structure, acids, and bases, balancing chemical equations, polyatomic ions and molecular geometry, chemistry of solutions, gas phase laws, thermodynamics, kinetics, chemical equilibrium, and oxidation reduction reactions. This course also has a strong lab component with students performing a variety of experiments including micro-scale chemistry experiments with “real” science equipment and writing formal (college style) lab reports.
- **Instructor Bio**
 - Christina Musser has B.S. degrees in Biochemistry and Zoology and has been teaching homeschool science classes for the last 15 years. She has homeschooled her two children from kindergarten through 12th grade. Before having children, she worked for the EPA and NCSU in Biotechnology research. She has a passion for quality science teaching that incorporates Creation Science and Intelligent Design information showing students they can both stand on God’s word and be good scientists.

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LEARN Academics Course Details: 2022-2023

Earth Science

Contact Instructor: [Faith Beverly](#)

- **Weekly School Work Hours at Home:** 5-6 hours per week
- **Textbooks and Materials:** Purchase from [Homeschool Gathering Place](#) or online at recommended links below.
 - *Discovering Design with Earth Science, Student Textbook* by Dr. Jay Wile, Berean Builders
 - *Answer Key & Tests for Discovering Design with Earth Science* by Dr. Jay Wile, Berean Builders
 - Purchase both online: [Christian Book Distributors](#)
- **Description**
 - Earth Science teaches the general properties of the earth's geosphere, hydrosphere, and atmosphere from a Christian worldview. Students will learn each of the three properties in detail with topics that include minerals, rocks, the rock cycle, plate tectonics, fossils, the properties of water, the hydrologic cycle and residence time, air composition, sections of the atmosphere, temperature gradients, weather, etc. This course will include hands-on science experiments during class time. Students will also learn how to write lab reports. This course will cover an appropriate amount of material for Physical Science. This will give parents the option to choose whether to add this course as Physical Science or Earth Science to their child's transcript. This course can be considered an honors course for transcripts (parents are responsible for making their own transcripts, not the instructor).
- **Instructor Bio**
 - Faith Beverly recently graduated from Meredith College with a B.S. degree in Biology and a concentration in Marine Biology. She currently volunteers with the sea turtle nesting program Topsail Sea Turtle Project at Topsail Island, NC. It is her goal to teach science from a Biblical worldview, and use her love for ministry and science in order to point students to Christ. Faith eventually wants to go into ministry and the marine biology field.

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LEARN Academics Course Details: 2022-2023

French 1

Contact Instructor: [Laurie Murphy](#)

- **Weekly School Work Hours at Home:** 5-10 hours
- **Textbooks and Materials:** Purchase from [Homeschool Gathering Place](#) or online at recommended links below.
 - *Vis-à-vis: Beginning French, 6th Edition Textbook* (ISBN: 9780073386478): [Amazon](#)
 - *Vis-à-vis: Beginning French, 5th Edition Workbook/ Laboratory Manual* (ISBN:9780077309039) OR *Vis-à-vis: Beginning French, 4th Edition Workbook/Lab Manual* (ISBN: 9780073289465)
 - INSTRUCTOR'S NOTE:
 - Both the 5th and 4th editions of the Vis-à-vis Workbook/lab manual sufficiently correspond with the main Vis-à-vis 6th edition textbook. (A new or gently-used copy of either workbook edition will work with the textbook)
 - Students will be provided with the accompanying Workbook/Lab Manual AUDIO LINK from the instructor.
 - Optional Additional Materials
 - *Vis-à-vis: Connect Program* [Smartbook/Videos]: available through mheducation.com, contact instructor for link
 - *Living Language French: Complete Edition* (ISBN: 9780307478436): [Amazon](#)
- **Description**
 - French 1 is a high school level course with a focus on the foundations of French grammar (including être, avoir, faire, aller, expressions with avoir & faire, le futur proche), basic French vocabulary, and an introduction to Francophone Culture. Through the Vis-à-vis program, the course will emphasis both learning and written and spoken French and learning the French language within context. Students will practice listening, speaking, reading, and writing in French and will be provided with further French audio resources for outside class. Students will also have the opportunity to learn French idiomatic expressions and to memorize short passages of French Scripture and poetry.
- **Instructor Bio**
 - Laurie Murphy has a B.A. in French from Davidson College and a PhD in French Literature from UNC-CH and studied at the Université Paul-Valéry in Montpellier, France. She began learning French at the age of five and is often mistaken for a native speaker. She studied, taught, and did Christian mission work in Montpellier and Paris, France. She taught French at UNC-CH during grad. School and was a French Professor at Peace College (now William Peace University) for 5 years where she taught French Language, Literature, History & Cinema. She loves homeschooling her own three children and has also taught French to homeschool students at NLC and in her home. She takes great joy in teaching French & Francophone culture and hopes to share with her students God's heart for the world.

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LEARN Academics Course Details: 2022-2023

French 2

Contact Instructor: [Laurie Murphy](#)

- **Weekly School Work Hours at Home:** 5-10 hours
- **Textbooks and Materials:** Purchase from [Homeschool Gathering Place](#) or online at recommended links below.
 - *Vis-à-vis: Beginning French, 6th Edition Textbook* (ISBN: 9780073386478): [Amazon](#)
 - *Vis-à-vis: Beginning French, 5th Edition Workbook/ Laboratory Manual* (ISBN:9780077309039) OR *Vis-à-vis: Beginning French, 4th Edition Workbook/Lab Manual* (ISBN: 9780073289465)
 - INSTRUCTOR'S NOTE:
 - Both the 5th and 4th editions of the Vis-à-vis Workbook/lab manual sufficiently correspond with the main Vis-à-vis 6th edition textbook. (A new or gently-used copy of either workbook edition will work with the textbook)
 - Students will be provided with the accompanying Workbook/Lab Manual AUDIO LINK from the instructor.
 - Optional Additional Materials
 - *Vis-à-vis: Connect Program* [Smartbook/Videos]: available through mheducation.com, contact instructor for link
 - *Living Language French: Complete Edition* (ISBN: 9780307478436): [Amazon](#)
- **Description**
 - French 2 is a high school level course with a focus on strengthening the foundations of French grammar (including le passé composé, l'imparfait, l'impératif, il faut, depuis & pendant, les verbes pronominaux, les pronoms, le futur simple), French vocabulary, and a continued study of Francophone culture. Through the Vis-à-vis program, the course will emphasize learning both written and spoken French and learning the French language within context. Students will practice listening, speaking, reading, and writing in French and will be provided with further French audio resources outside of class. Students will also have the opportunity to learn French idiomatic expressions and to memorizes short passages of French.
- **Instructor Bio**
 - Laurie Murphy has a B.A. in French from Davidson College and a PhD in French Literature from UNC-CH and studied at the Université Paul-Valéry in Montpellier, France. She began learning French at the age of five and is often mistaken for a native speaker. She studied, taught, and did Christian mission work in Montpellier and Paris, France. She taught French at UNC-CH during grad. School and was a French Professor at Peace College (now William Peace University) for 5 years where she taught French Language, Literature, History & Cinema. She loves homeschooling her own three children and has also taught French to homeschool students at NLC and in her home. She takes great joy in teaching French & Francophone culture and hopes to share with her students God's heart for the world.

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LEARN Academics Course Details: 2022-2023

General Science

Contact Instructor: [Donie Nichols](#)

- Weekly School Work Hours at Home: 4 hours
- Textbooks and Materials:
 - *Apologia General Science, Student Text, 2nd Edition* by Dr. Jay Wile, Apologia
 - *Apologia General Science, Solution and Test Manual, 2nd Edition* by Dr. Jay Wile, Apologia
 - Used copies available below:
 - [Facebook Marketplace](#)
 - [Homeschool Classifieds](#)
 - [Amazon](#)
 - [Rent used copies from the instructor](#): \$10 for text, \$5 for solution and test manual + \$25 deposit refundable on safe return
 - The material fee for this course includes a consumable student notebook provided by the instructor on first day of class.
- Description
 - This course covers a wide range of the branches of science while making the connections between each. Students will learn what science is and, in a detailed and engaging way, how to utilize the proper scientific method. This course includes many hands-on science experiments in class and a focus on writing lab reports.
- Instructor Bio
 - Donie Nichols has taught Apologia General Science in a homeschool class setting for 12 years and thoroughly enjoys the material and working with students to gain a love of science. She has homeschooled for over 20 years and graduated four of her daughters (the younger two currently being in high school). Donie graduated from Auburn University with a B.S. degree in Industrial Engineering.

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LEARN Academics Course Details: 2022-2023

Geography

Contact Instructor: [Melinda Coutts](#)

- **Weekly School Work Hours at Home:** 5 hours
- **Textbooks and Materials:** Purchase from [Homeschool Gathering Place](#) or online at recommended links below.
 - *Exploring the World through Cartography*, Classical Conversations: [Classical Conversations](#)
- **Description**
 - This course covers a visually rich exploration of the world through maps. The introduction explains different types of map projections as well as a brief history of cartography. Organized by continent/region, each unit begins with a list of questions to research and answer. Full-color physical and political maps are included along with blank outline maps to use for tracing, drawing, and tests. Regional sections discuss history, people, politics, how geography influenced the region's development, and other interesting facts alongside historical maps and photos of artwork, artifacts, and people. Integrating history, art, geography, cultural studies, and geography, this unique text is a fascinating way to study the earth!
- **Instructor Bio**
 - Melinda Coutts graduated from NCSU with a business degree and a concentration in marketing. After graduating, she worked as a market research analyst / consultant in the pharmaceutical industry for over ten years. Once Melinda and her husband, David, started their family, Melinda decided to stay home with their four kids. After their kids reached school age, they joined a homeschool group called Classical Conversations. God gave Melinda a sincere passion for children, and she ended up tutoring Foundations, Essentials, and Challenge A for Classical Conversations for about 12 years. She has taught at New Life Camp one year and she tutors math on the side. Melinda considers her strengths to be in teaching math and science, but she is also certified in IEW and Lost Tools of Writing.

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LEARN Academics Course Details: 2022-2023

Geometry

Contact Instructor: [Beth Bass](#)

- **Pre-Requisite Course:** Algebra 1
- **Weekly School Work Hours at Home:** 4-6 hours
- **Textbooks and Materials:** Purchase from [Homeschool Gathering Place](#) or online at recommended links below.
 - *Geometry Universal Set*, Math-U-See: [Demme Learning](#)
- **Description**
 - Geometry emphasizes logic and paying attention to detail. Concepts include understanding basic components (points, lines, angles, etc.), regular polygons, circles, volume and surface area of solids, the Pythagorean theorem to identify triangle attributes, transformations, and two-column proofs. The course emphasizes following directions through constructions and geometry-related projects. Algebra skills are reinforced throughout the curriculum and basic trigonometric functions are introduced.
- **Instructor Bio**
 - Beth received her BS in Applied Mathematics from NC State University and her teaching certificate from The University of North Carolina at Chapel Hill. She taught 8th grade math, Algebra 1, and Geometry in the Wake County Public School System before starting her family. She and her husband have homeschooled their three children since kindergarten with their oldest having graduated from college. Beth has taught a variety of homeschool classes over the years and looks forward to teaching students again at New Life Camp.

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LEARN Academics Course Details: 2022-2023

Introduction to Literature

Contact Instructor: [Nathaniel Miller](#)

- **Pre-Requisite Course:** Middle School Grammar
- **Weekly School Work Hours at Home:** 4-5 hours
- **Textbooks and Materials:** Purchase from [Homeschool Gathering Place](#) or online at recommended links below.
 - *The Advent of the Lamb of God* by Russ Ramsey, InterVarsity Press: [Amazon](#)
 - *An Introduction to Poetry* arranged by Nissa Rudd & Nathaniel Miller (free download – will be made available before first class)
 - *The Important of Being Earnest* by Oscar Wilde, Dover Thrift Edition: [Amazon](#)
 - *The Call of the Wild* by Jack London, Dover Thrift Edition: [Amazon](#)
 - *White Fang* by Jack London, Dover Thrift Edition: [Amazon](#)
 - *The Prince and the Pauper* by Mark Twain, Dover Thrift Edition: [Amazon](#)
 - *A Christmas Carol* by Charles Dickens, Dover Thrift Edition: Purchase Online – [Amazon](#)
 - *Introduction to the Short Story* by Robert Watson, Smarr Publishers (free download – will be made available before first class)
 - *The Scarlet Pimpernel* by Baroness Emmuska Orczy, Dover Thrift Edition: Purchase Online-
[Amazon](#)
 - *Great Expectations* by Charles Dickens, Dover Thrift Edition: Purchase Online – [Amazon](#)
- **Description**
 - Story is important – it is largely through story that the Scriptures were given to us. God uses story to share His grand story of love with us. His story is so good and so thorough that literature reflects the grander truths of Scripture, even by authors that have no regard for it. These are truths that can impact and change our lives. The pursuit of this course is to emphasize a Biblical worldview through the lens of literature. Students will read through various classic novels, short stories, and poetry designed to enjoy these story forms and to think critically over the subject matter and issues revealed. Students will also write 6 argumentative-style essays over the course of the year that focus on themes of the reading. This course is designed to prepare students for upper-level high school literature courses where critical literary analysis is more advanced.
- **Instructor Bio**
 - Nathaniel Miller has served on the full-time staff of New Life Camp for nearly 20 years. He became the Director of LEARN at New Life Camp in 2011. He began teaching literature at LEARN in 2012. He has a great love for stories and how the truly good ones echo the true story of Christ. Nathaniel graduated from Tennessee Temple University in 2002 with a B.A. degree in Biblical Studies.

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LEARN Academics Course Details: 2022-2023

Middle School Grammar

Contact Instructor: [Suzi Brummett](#)

- **Weekly School Work Hours at Home:** 3-4 hours
- **Textbooks and Materials:** Purchase from [Homeschool Gathering Place](#) or online at recommended links below.
 - *Saxon Grammar and Writing 7 Teacher's Guide, 2nd Edition:* [Rainbow Resource Center](#)
 - *Saxon Grammar and Writing 7 Student Textbook, 2nd Edition:* [Rainbow Resource Center](#)
 - Materials needed: composition notebook or a 1 subject notebook for dictations and vocabulary
- **Description**
 - This class will be a grammar intensive class focusing on things like parts of speech, punctuation, capitalization, diagramming, sentence types and structure, vocabulary, and word usage. We will also have weekly spelling and vocabulary tests to improve language skills.
- **Instructor Bio**
 - Suzi graduated from Bob Jones University with a B.S. degree in English Education and a minor in music. She has a great passion for teaching grammar and enjoys seeing students learn how all the aspects of grammar work together. She previously taught in the public school system and currently tutors privately. She also home-schooled her four daughters. In her free time, Suzi enjoys reading, cooking, being outside, playing games, and hanging out with her family.

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LEARN Academics Course Details: 2022-2023

Pre-Algebra

Contact Instructor: [Melinda Coutts](#)

- **Weekly School Work Hours at Home:** 5 hours, 1 per day
- **Textbooks and Materials:** Purchase from [Homeschool Gathering Place](#) or online at recommended links below.
 - *Saxon Algebra ½ Student Textbook, 3rd Edition*, Saxon Publishing
 - *Saxon Algebra ½ Homeschool Packet, 3rd Edition*, Saxon Publishing
 - *Saxon Algebra ½ Test Forms, 3rd Edition*, Saxon Publishing
 - *Saxon Algebra ½ Solutions Manual, 3rd Edition*, Saxon Publishing
 - Purchase all 4 together as a kit: [Christian Book](#)
- **Description**
 - This course is the culmination of pre-algebra mathematics, a full pre-algebra course and an introduction to geometry and discrete mathematics. Topics covered include prime and composite numbers; fractions & decimals; order of operations, coordinates, exponents, square roots, ratios, algebraic phrases, probability, the Pythagorean Theorem and more. Utilizing an incremental approach to math, your students will learn in small doses, increasing retention of knowledge and satisfaction!
- **Instructor Bio**
 - Melinda Coutts graduated from NCSU with a business degree and a concentration in marketing. After graduating, she worked as a market research analyst / consultant in the pharmaceutical industry for over ten years. Once Melinda and her husband, David, started their family, Melinda decided to stay home with their four kids. After their kids reached school age, they joined a homeschool group called Classical Conversations. God gave Melinda a sincere passion for children, and she ended up tutoring Foundations, Essentials, and Challenge A for Classical Conversations for about 12 years. She has taught at New Life Camp one year and she tutors math on the side. Melinda considers her strengths to be in teaching math and science, but she is also certified in IEW and Lost Tools of Writing.

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