



A quest for knowledge | A path to college

ELEMENTARY CURRICULUM

Rising 1st Grade

Farm to Table

Concept: Focus on animals and science exploration.

Students will explore the food chain and understand the sources of our daily food supply. They will go on field trips to build their operational skills and piece stories together. Students will also get to experience science exploration and build on their knowledge of numbers and math.

Topics:

- Fictional literature, especially stories on animals and farms, to build vocabulary and phonics skills
- Building stories through characters, plot, and setting
- Graphing and problem solving- tracking scientific labs, fluency and various math skills
- Use of manipulatives for number stories, math problem solving and graphing

Trips: Zoo Atlanta, Legoland, Community Garden

Rising 2nd Grade

Odyssey Super Sleuths

Concept: Focus on mysteries and integrating science exploration with graphing and basic numbers and operations skills.

In Odyssey Super Sleuths, students will discover the art of solving mysteries through use of academic abilities. They will go on field trips to build their operational skills and piece stories together. Students will also get to experience science exploration and build on their knowledge of numbers and math.

Topics:

- Fictional literature, especially mysteries
- Building stories through characters, plot, and setting
- Graphing and problem solving- tracking scientific labs, fluency and various math skills
- Use of manipulatives for number stories, math problem solving and graphing
- Creation of original mystery stories, summarizing knowledge gained on story elements

Trips: Zoo Atlanta, Center for Puppetry Arts

Rising 3rd Grade

Odyssey Docs

Concept: Use health and exercise to help sharpen your mind!

In Odyssey Docs, students will learn about the importance of staying fit. They will hear from trainers, doctors and nutritionists and attend various field trips related to exercise and nutrition. Students will also learn how to grow their own fruits and vegetables and will nurture their own tomato plants.

Topics:

- Powerpoint presentations and animation
- The Food Pyramid
- Biographical study of famous people from the medical field
- Exercises for children
- Gardening and service learning
- Graphing and measurement
- Informational and expository writing
- Poetry

Trips: Whole Foods, Young Chef's Academy, Atlanta Community Food Bank, East Lake Community Garden

Guest Speakers: Nutritionists, Pediatrician, Food Specialist, Athletic Trainer

Rising 4th Grade

Odyssey Jet Setters

Concept: Broaden your horizons by learning about the customs, traditions and contributions of other cultures.

Our Jet Setters will "travel abroad" to West Africa and China, exploring the various arts, historical facts, and customs of each. Students will craft artifacts, learn ceremonial dances, and research facts on each country/continent.

Topics:

- Learn to use a variety of texts and technological resources for research
- Work as a team to overcome obstacles and challenges in diverse settings
- Create arts and crafts important to each culture (making paper, ethnic dishes)
- Learn traditional West African dances
- Geography and map skills
- Narrative writing
- Poetry
- Powerpoint presentations and animation

Trips:

International Paper Museum, Young Chefs Academy, Carlos Museum

Rising 5th Grade

Odyssey Humanitarians

Concept: Improve your math, reading and writing skills by engaging in experiences that promote unity and awareness in our community.

Our Odyssey Humanitarians will learn how to enrich the community through service, as well as debate thought provoking issues of the past and present through engaging projects.

Topics:

- "The Golden Rule"
- How have issues in the past affected our rights and responsibilities as citizens today?
- Using math skills to calculate distance, area and perimeter.
- Informational and persuasive writing
- Powerpoint presentations and animation
- Odyssey's Great Debaters

Trips:

Atlanta Food Bank, Martin Luther King Center, Zoo Atlanta, Carter Center, High Museum

Guest Speakers: Civil Rights activists, lawyers, police officers

MIDDLE SCHOOL CURRICULUM

Rising 6th Grade

Odyssey City

Concept: Learn all about how Atlanta runs and then create your own city!

In *Odyssey City*, students will learn about our hometown of Atlanta and its infrastructure. After studying topics ranging from local government to sports teams to parks and recreation, students will then create their own city. Classes will focus on writing comprehension through journaling, music through the creation of a “city song”, as well as social studies and math skills.

Topics:

- Create an actual city
- Learn the details that go into what makes a city
- Study the infrastructure of local government
- Learn about housing, taxes, school systems, etc.
- Write weekly newspaper updates
- Create detailed reports on a specific piece of a city’s infrastructure

Final Project:

The creation and presentation of a city song with student designed choreography

Trips:

City tour of Atlanta, New World of Coke, Zoo Atlanta, Oakland Cemetery, CNN Center

Rising 7th Grade

Undercover Odyssey

Concept: Investigate, journal, debate, and hold an official court trial while solving a crime mystery!

Students will be presented with a crime scene and will have to decipher the mystery behind it. Through the process of discovery, *Undercover Odyssey* participants will learn how to interview and debate, as well as learning the science behind fingerprinting, DNA, and crime scene investigation.

Topics:

- Create a “Detective Notebook” which will include sketches, photography, journaling, and hypothesis
- Learn how to debate as you attempt to discover the mystery behind the crime
- Use science skills and forensics to do fingerprinting and DNA analysis

Final Project:

Students will participate in a final mock trial at the State Superior Court in Downtown Atlanta

Trips:

Emory Genetics Lab, Georgia State Bar Association, Centers for Disease Control, DeKalb County Courthouse, High Museum

Rising 8th Grade

Odyssey Apprentice

Concept: Create a portfolio, learn about interest, debt, and savings, and gain skills to deal properly with money!

During *Odyssey Apprentice*, students will be taught the skills necessary to learn how to deal with money in a variety of situations. Consumer debt, compound interest, the power of saving, philanthropy, and debt management will be topics covered throughout the summer. Classes will also practice job interview and public speaking skills.

Topics:

- Create an Economic Portfolio that includes research on a company, “purchase” stock, and chart activity
- Participate in mock interviews to enhance public speaking skills
- Learn how to play bridge
- Create a TV commercial to promote fundraising

Final Project:

Create a business and compete against fellow Odyssey Apprentices

Trips:

Federal Reserve Bank, Atlanta Food Bank, ChickFILA Headquarters, WSB Studios, Little Five Points

HIGH SCHOOL CURRICULUM

Rising 9th Grade

Odyssey Gamers

Concept: Market your own video game!

In *Odyssey Gamers*, teams of students will master key computer applications (Powerpoint, Excel, web design software) to market their own computer video game. Teams will pitch their concept to a panel of industry “buyers” who are looking for a hot, new educational game for 10 to 15-year-olds.

- Concept Storyboarding
- Powerpoint presentations
- Webpage creation
- Revenue & Expense forecasting
- Demographic & Market analysis
- Character and narrative design
- Creating and analyzing Excel graphs and spreadsheets
- *Odyssey Score*: PSAT verbal, math, and writing
- Field trips to local colleges, and gaming labs

Final Projects:

The marketing presentation for your game!

Rising 10th Grade

Odyssey Transformers

Concept: Use robotics to transform your life!

Teams compete to build and operate their own robots. You’ll learn the technology necessary to operate your robot as part of one of the most exciting technologies of the future.

- Use computers to design, program, and control your own robot
- Work as a team to overcome obstacles and challenges
- Visit Georgia Tech’s robotics lab
- Create your own blog
- Learn more about the power of robotics in fighting terrorism, building machines, and solving health crises, including the latest in nanotechnology
- *Odyssey Score*: PSAT verbal, math, and writing

Final Projects:

- Presentations on robotics research topics
- Participation in the ultimate robotics challenge. Can your robot compete?

Rising 11th Grade

Odyssey Filmers

Concept: Lights, Camera, Action!

In *Odyssey Filmers*, you will weave together film studies and videomaking, history, writing, and math for an experience you’ll never forget! You’ll be using video cameras and professional editing software. You’ll examine the history of film and how it has shaped our understanding of key issues. Finally, you’ll be screening and starring in your own short film

In addition, *Odyssey Filmers* participate in the following coursework on and off campus:

- Local college visits
- *Odyssey Score*: PSAT verbal, math, and writing
- One-on-one meetings with college counselors
- SAT and creative writing

Final Projects:

- Presentation of historical research and papers
- Short student produced films on a common theme

Rising 12th Grade

Odyssey U

Concept: Get Ready for College!

At *Odyssey U*, students participate in a **two-day out-of-state college trip**, local college visits, SAT prep, meetings with college counselors, and college admissions essay writing. Graduates will hone their skills for admissions success and be prepared once they arrive on their college campuses!

The core curriculum for *Odyssey U* includes the following:

- Utilize software to identify colleges of interest
- Learn the ins and outs of the Financial Aid process
- college admissions essays
- ACT verbal, math, and writing
- Admissions interview role play
- Multiple one-on-one meetings with Odyssey’s college counselors

Final Project:

An end-of-term debate on a current newsworthy issue, *and* project management (marketing, production, stage management, concessions, etc.) for the *Odyssey’s Got Talent* show, starring the students of Odyssey High!