



Middle School Curriculum

The Oak Meadow Middle School offers an academically challenging, interdisciplinary program that is designed to meet the academic, social and emotional needs of adolescents in grades seven and eight. The Middle School is founded on the belief that each individual student's strengths and passions should be celebrated.

During their time in Middle School, our students develop an understanding and confidence about their role within the school community and beyond. Students work in multi-age groups on developmentally appropriate and increasingly complex activities that promote self-reflection and self-expression, teamwork, effective communication, and most importantly, critical thinking. Our program offers students opportunities for in-depth study and for exploration of individual interests.

Here is a snapshot of the curriculum:

Math

The middle school math program is designed around a spiraling curriculum in which students go through a cycle of exposure, exploration, and mastery units. These units are designed around the idea that students gain increased confidence in the analysis of real-world application of major mathematical concepts.

- Ratios and Proportional Relationships
- Number Sense
- Geometry
- Functions
- Linear Systems
- Linear Regression
- Exponential Functions

Science

Life, Earth and Environmental Science/ Physical Science/ Science Fair/STEM

Physical Science:

- Chemistry
- Physics

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Science, continued

Environmental Science:

- Human Biology, Cells and Heredity
- Weather and Climate
- Astronomy
- Sound and Light
- Electricity and Magnetism

Humanities

Humanities is about investigating what makes us, well, human. How have different groups of people created communities throughout time? How have they expressed themselves through literature, music, and art? And what common threads can we draw between ourselves and people long ago? Students investigate these questions through three different lenses: reading, writing, and history. In the process, they develop critical thinking and writing and reading skills, practice holding informed discussions (seminar style and debates), and collaborate with their classmates.

- Ancient Civilizations: Greece, Rome, and the Middle Ages
- Montessori Model United Nations
- World Religions and Philosophy
- Human Rights
- Food Sustainability
- Government Systems
- World War II and the Holocaust

Writing and Speaking

Nonfiction and Fiction writing: cross-curricular formal research papers and persuasive essays, debates; planning a novella

Students will use the 6+ Traits of Writing Method with a focus on ideas and content, organization, voice, word choice, sentence fluency, editing and grammar, and presentation.

Literature

Reading and discussion of writings, historical and classical novels including, but not limited to:

Greek Mythology

The Omnivore's Dilemma by Michael Pollan,

Percy Jackson and the Lightning Thief by Rick Riordan

Ishmael by Daniel Quinn

Watership Down by Richard Adams

A Christmas Carol by Charles Dickens,

To Kill a Mockingbird by Harper Lee, and

Night by Elie Wiesel.

[Learn more through the website](#)