

8th Grade Program

HBT

January 2026





Today's Agenda

Review 8th grade course options

1. Math
2. Science
3. 8th grade elective

8th Grade Program Basics

| Core | Music & PE | Exploratory |
|--|--|--|
| <ul style="list-style-type: none">● English● Social Studies● Math● Science● World Language * | <ul style="list-style-type: none">● General Music● Orchestra● Band● Chorus● PE | <ul style="list-style-type: none">● Art● Tech● 21st Century CTE● Intro to Research |

* Students will earn 1 high school credit upon passing the course and final exam.

Math Options

Math 8

Grade level

- Curriculum to help students deepen understanding of algebra concepts to ensure a strong foundation for success in high school Regents math starting in grade 9
- Prepares students to take the NYS Grade 8 Math Assessment

Algebra 1

High school Regents level

- Coursework for students who mastered 7th grade pre-algebra concepts
- High school expectations - independent learning and time management (ALEKS, Delta Math)
- Earn 1 high school credit upon passing the course and Regents exam

HS Attendance Policy: Students in this course who exceed a total of 12 unexcused absences will not receive credit.

Science Options

Science 8

Grade level

- Elements of the living environment and physical setting (ecology, astronomy, meteorology, geology)
- Prepare for high school lab science courses beginning in grade 9
- NYS Grade 8 Science Assessment

Earth & Space Science

High school Regents level

- Earth's systems, climate, and human sustainability; processes that shape our planet and environment
- In-class lab requirements to be eligible to take the Regents exam
- Earn 1 high school credit upon passing the course and Regents exam

HS Attendance Policy: Students in this course who exceed a total of 12 unexcused absences will not receive credit.



Elective Options

21st Century CTE

- Career & Technical Education prepares students with real-world skills and knowledge
- 5 pillars of success: work ethic, responsibility, productivity, citizenship and attitude
- Engage in activities that facilitate teamwork and critical thinking
- Produce a passion project led by student interest

Intro to Research

- Apply interests, knowledge and critical thinking
 - Evaluate and investigate resources to foster prior knowledge and expand on topic of interest
 - Learn how to create, organize and produce a research paper
 - Fosters and enriches writing skills
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This is a sample schedule.
It does not indicate
actual class order or which
R/W day classes rotate.

Example Schedule

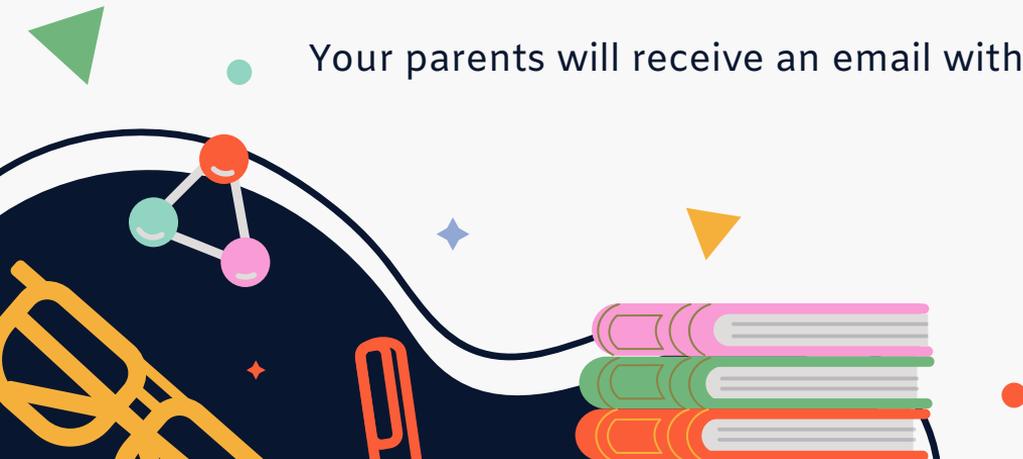
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|-----|-----------------|--------------|
| 1. | English | |
| 2. | Social Studies | |
| 3. | Math | |
| 4. | Science | |
| 5. | Science Lab (R) | PE (W) |
| 6. | World Language | |
| Adv | Advisory | |
| 7. | Lunch | |
| 8. | Art (R) | Tech (W) |
| 9. | Music (R) | Elective (W) |



Course selections are due on

TUES, JAN 20

Your parents will receive an email with a link to submit your selections.





Course descriptions are available in the
Middle School Curriculum Guide

(on HBT website; [linked here](#))



Questions?

Visit the Guidance Office or email your counselor.

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