



SMITHTOWN
CENTRAL SCHOOL DISTRICT

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New York State Diploma Requirements Applicable to All Students Enrolled in Grades 9

Credit Requirements

(Apply to all diploma types: Local, Regents, Regents with advanced designation)

	Minimum number of credits
English	4
Social Studies Distributed as follows: U.S. History (1) Global History and Geography (2) Participation in Government (½) Economics (½)	4
Science Distributed as follows: Life Science (1) Physical Science (1) Life Science or Physical Science (1)	3
Mathematics	3
World Languages	1 ^(**)
Visual Art, Music, Dance, and/or Theater	1
Physical Education (participation in 100 minutes of physical education per week)	1

Updated June 2022

Assessment Requirements

		Regents Diploma for All Students		Regents Diploma via Appeal for All Students		Local Diploma via Appeal for All Students		Local Diploma for Students with a Disability		Local Diploma via Appeal for English Language Learners	
REGENTS EXAM or passing score of Department approved alternative	# of Exams	Passing Score	# of Exams	Passing Score		Passing Score	# of Exams				



INTRODUCTION

This course is designed to provide students with a comprehensive understanding of the fundamental principles of algebra. The course covers a wide range of topics, including linear equations, systems of equations, and functions. Students will develop problem-solving skills and a strong foundation in algebraic concepts.

CHALLENGE BY CHOICE

Students are encouraged to explore advanced topics and problems that challenge their understanding of algebra. These challenges are designed to deepen their knowledge and foster critical thinking skills.

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PREREQUISITES AND DEPARTMENTAL RECOMMENDATIONS

Students should have a strong background in arithmetic and basic algebra. The course is recommended for students who are interested in pursuing a career in science, technology, or engineering.

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REGENTS/FLACS AND FINAL COURSE GRADES

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PRE-ALGEBRA (MS3160)

Grade 7 - Full Year (Alternate Days)

Prerequisite: Math 6

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FRENCH 7 (MS5300)

Grade 7 - Full Year

Prerequisite: None

... 2 ...

GERMAN 7 (MS5200)

Grade 7 - Full Year

Prerequisite: None

... 200 ... 2 ...

ITALIAN 7 (MS5100)

Grade 7 - Full Year

Prerequisite: None

... 2 ...

SPANISH 7 (MS5000)

Grade 7 - Full Year

Prerequisite: None

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Grade 7 Parents/Students

C S G a 8

Students will select the PLTW course they are most interested in taking, but due to scheduling constraints, students will be limited to one PLTW course.

1) English

- English I
- English II

Students will select the PLTW course they are most interested in taking, but due to scheduling constraints, students will be limited to one PLTW course.

2) Mathematics

- Math 1 (Algebra 1/Geometry)

or

Students will select the PLTW course they are most interested in taking, but due to scheduling constraints, students will be limited to one PLTW course.

3) Science

- Earth Science
- Biology*

*Students will select the PLTW course they are most interested in taking, but due to scheduling constraints, students will be limited to one PLTW course.

Project Lead the Way

- Engineering Design / (Computer Science / Robotics)
- Engineering Design / (Biomedical Science / Forensic Science)

Students will select the PLTW course they are most interested in taking, but due to scheduling constraints, students will be limited to one PLTW course.

ENGLISH SELECTION

ENGLISH 8 (MS1200)

Grade 8 - Full Year

Prerequisite: English 7

This course is designed to provide students with a comprehensive understanding of English language arts. The curriculum includes reading, writing, speaking, and listening skills. Students will analyze various texts, including literary works, informational texts, and media. The course emphasizes critical thinking, problem-solving, and communication skills. Students will also learn about the history and culture of the English language. The course is designed to be challenging and engaging, providing students with a solid foundation in English language arts.

ENGLISH 8 HONORS (MS1210)

Grade 8 - Full Year

Prerequisite: English 7

This course is designed to provide students with a comprehensive understanding of English language arts. The curriculum includes reading, writing, speaking, and listening skills. Students will analyze various texts, including literary works, informational texts, and media. The course emphasizes critical thinking, problem-solving, and communication skills. Students will also learn about the history and culture of the English language. The course is designed to be challenging and engaging, providing students with a solid foundation in English language arts.

BIOLOGY (HS4050)

Grade 8 - Full Year

Prerequisite: Science 7

This course is designed to provide students with a comprehensive understanding of the principles of biology. The course covers the structure and function of cells, the flow of genetic information, and the interactions between organisms and their environment. Students will engage in laboratory activities and projects that reinforce their learning. The course is worth 1.0 credit.

Upon successful completion of the course, students will receive one high school science credit, and it will be the first science course to appear on the high school transcript.

SCIENCE 8 (MS3200)

Grade 8 - Full Year

Prerequisite: Science 7

This course is designed to provide students with a comprehensive understanding of the principles of science. The course covers the scientific method, the structure and function of cells, the flow of genetic information, and the interactions between organisms and their environment. Students will engage in laboratory activities and projects that reinforce their learning. The course is worth 1.0 credit.

PROJECT LEAD THE WAY SELECTION

PROJECT LEAD THE WAY – AC/MD (MS6345)

Grade 8 - Full Year (Alternate Days)

Prerequisite: None

Project Lead the Way (PLTW) is a national organization that provides a variety of project-based learning experiences for students. The PLTW program is designed to provide students with the skills and knowledge they need to succeed in the 21st century workforce. The PLTW program is a rigorous, project-based learning experience that prepares students for careers in science, technology, engineering, and mathematics (STEM). The PLTW program is a national organization that provides a variety of project-based learning experiences for students. The PLTW program is designed to provide students with the skills and knowledge they need to succeed in the 21st century workforce. The PLTW program is a rigorous, project-based learning experience that prepares students for careers in science, technology, engineering, and mathematics (STEM).

PROJECT LEAD THE WAY – GA/ME (MS6365)

Grade 8 - Full Year (Alternate Days)

Prerequisite: None

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SOCIAL STUDIES 8 (MS2200)

Grade 8 - Full Year

Prerequisite: Social Studies 7

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SOCIAL STUDIES 8 HONORS (MS2210)

Grade 8 - Full Year

Prerequisite: Social Studies 7

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Course Selection Planning Sheet for 2024 - 2025

GRADE 8 OPTIONS

English (select one): English 8 English 8 Honors

Mathematics (select one): Algebra 1* Math 8
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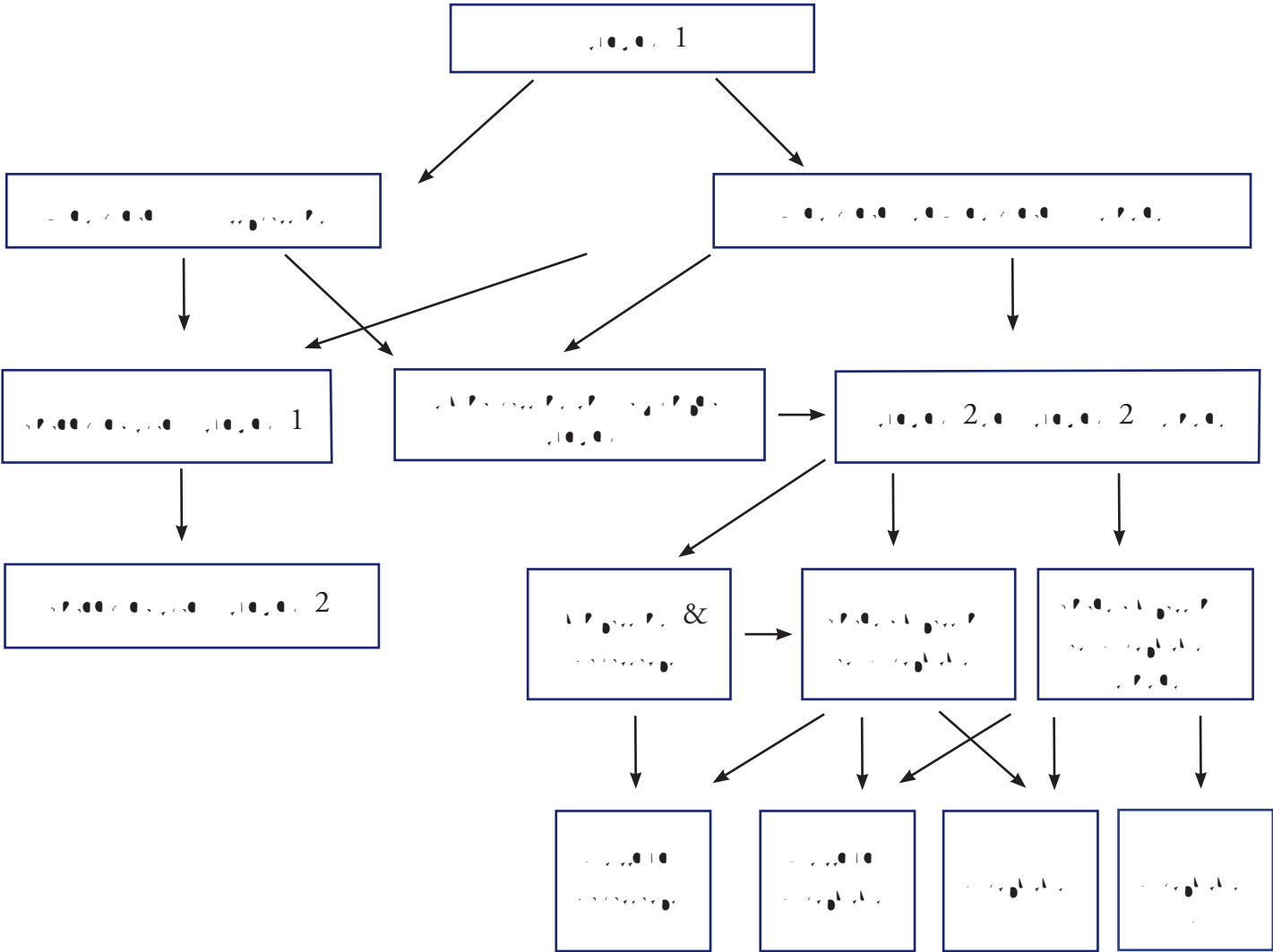
Science (select one): Biology Science 8*

*Students who select Science 8 will select a PLTW course

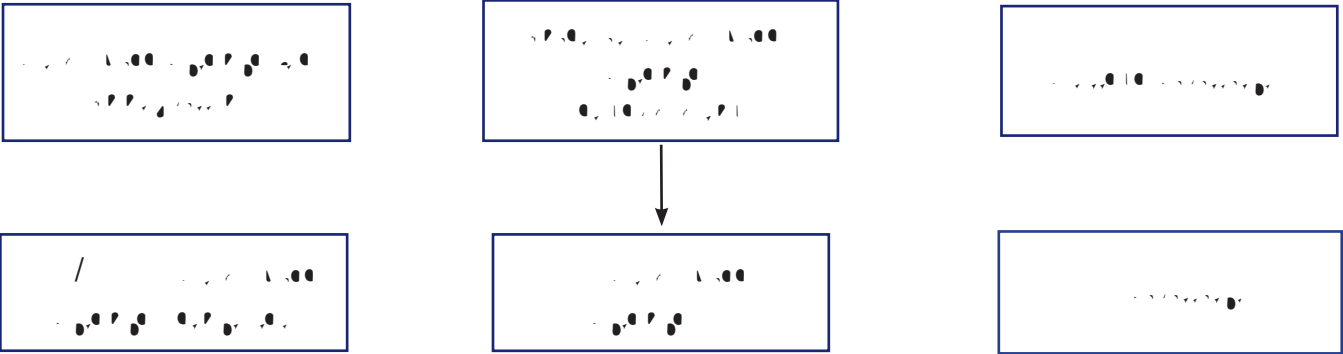
PLTW (select one): PLTW-AC/MD PLTW-GA/ME

Social Studies (select one): Social Studies 8 Social Studies 8 Honors

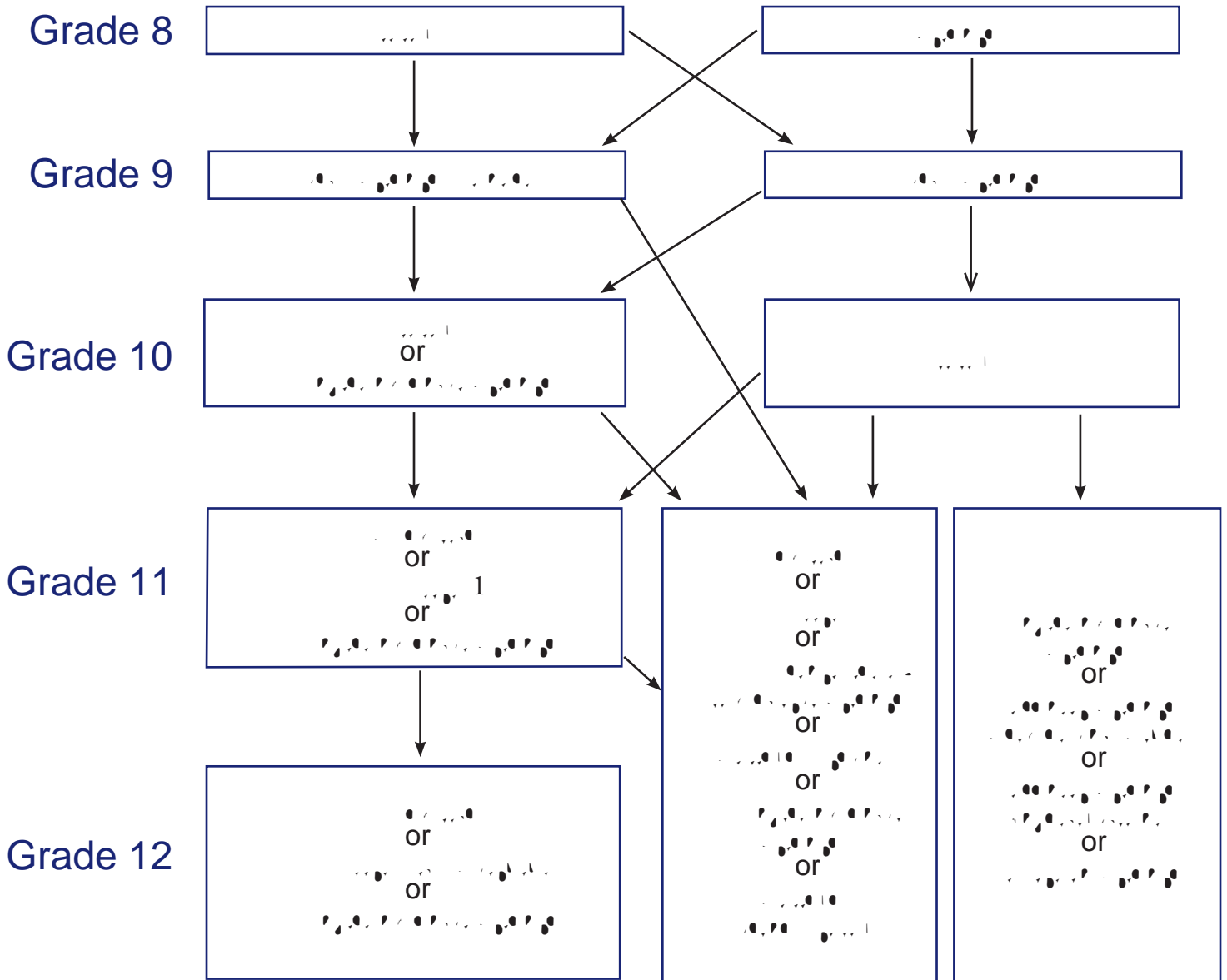
Mathematics



Electives



Science



Grade 8 / 9 / 10 / 11 / 12

Electives

