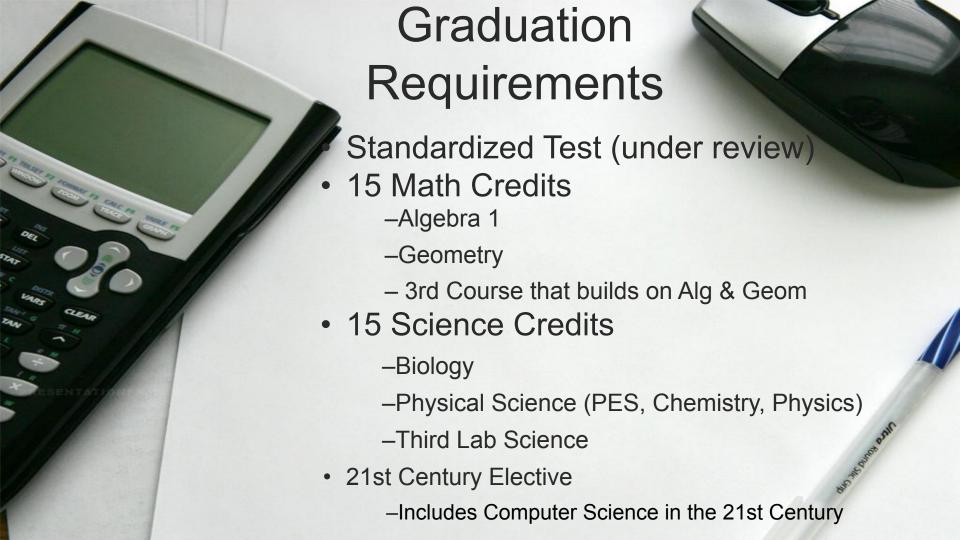
8th Grade Parent Night

January 22, 2020

Anna Alfieri
HS Math/Science Supervisor
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Topics

- Graduation Requirements
- Sequence
- Placement Decisions
- Summer Opportunities
- Instruction Math and Science at SBHS



Sequence

Mathematics

Algebra 1

Geometry

Algebra 2

Pre-Calculus

Calculus/Statistics

Electives

Science

PES/Physics

Chemistry

Biology

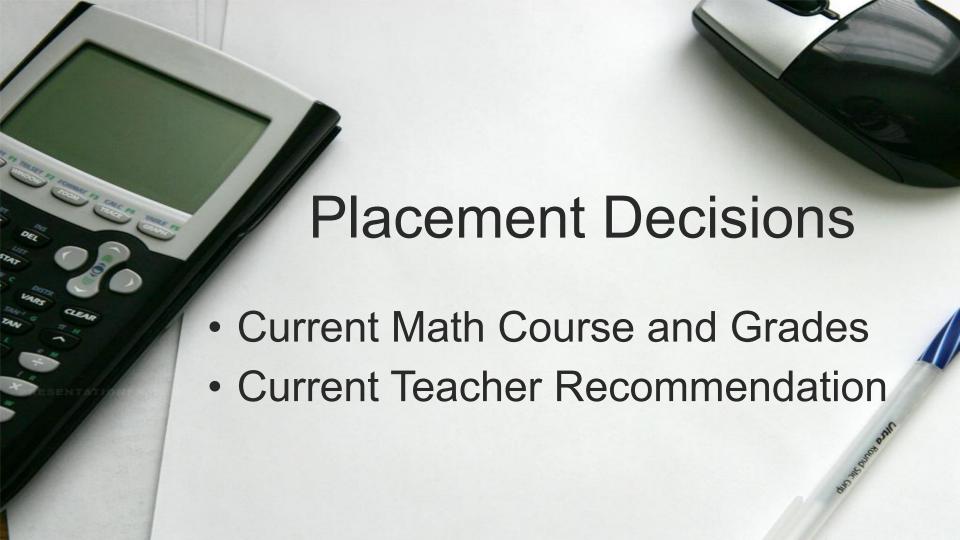
Electives

Physics First

Physics is more fundamental than chemistry and biology, and less abstract than mathematics.

As such it provides the foundation for science while revealing the power and usefulness of mathematics.

NJ Center for Teaching and Learning



8 th Grade Placement	9 th Grade Placement				
Math 8	Elements of Algebra I Physical and Earth Science	Algebra I Academic PES			
	Math 8 < 87 %	Math 8 ≥ 87%			

8 th Grade Placement	9 th Grade Placement					
Algebra I	Algebra I Acad PES	Geometry Academic PES	Geometry Physics	Adv Geometry Physics		
	A < 80%	80 ≤ A < 83%	83% ≤ A < 95%	A ≥ 95%		

8 th Grade Placement		9 th Grade Placement					
Geometry	Geom Physics	Adv Alg 2 Physics	250	Adv Algebra 2 AP Physics 1	in the treatment of the transmitted of the transmit		
	G <80%	80≤A/G<87	87≤A/G<93	93 ≤ A/G < 95	A/G ≥ 95%		

SBHS Summer Institute

Courses for Credit:

- Advanced Geometry
- Advanced Chemistry
- Advanced Biology

Courses for Enrichment

- Robotics
- Jump Start Algebra
- Prep for AP Physics

Summer courses

- Option II application needs to be approved before deadline (3/1) for outside coursework to count for graduation credit
- Will not count toward GPA
- Placement exam required for outside course work
- Serves as a prerequisite to move into the next course
- Concerns about taking summer course
 - long term retention
 - •lab skills and
 - •student growth over 6 weeks versus a whole year

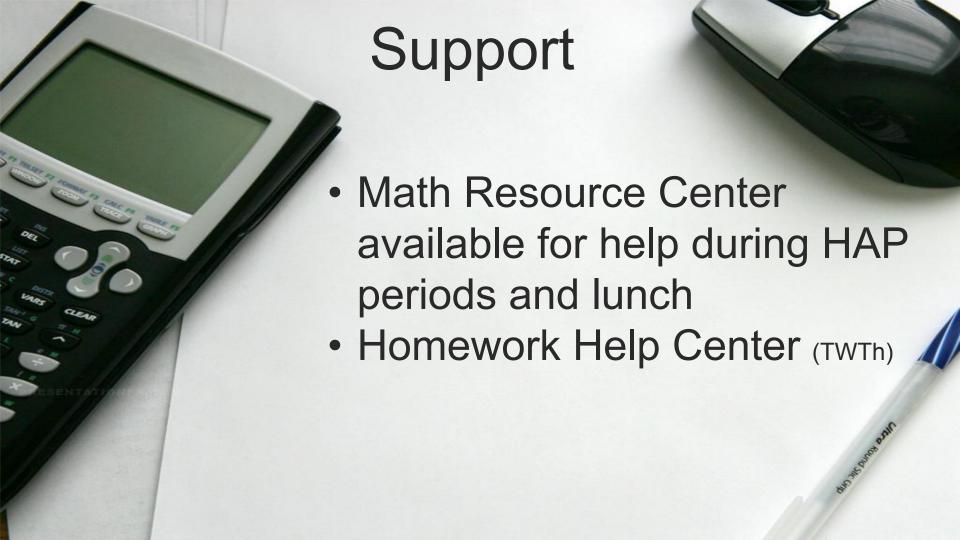
Clubs

XStem Science Olympiad

Robotics Medical Futures

Computer Science Red Cross

Math League Science League





Questions???

Please email

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