



Curriculum, Instruction, and Assessment

at Bernards High School

Presented by

Coleen Butler- Assistant Superintendent

Dr. Gretchen Dempsey - Superintendent

Michael Catelli- Supervisor of Social Studies, World Language and ESL K-12

Olga Edgerton - Supervisor of Math, Science and Technology K-12

Lindsay Barna- Supervisor of English Language Arts, Media, Visual & Performing K-12



BHS English Department



- Four year required sequence of core courses
- Several electives offered
- Courses develop reading, writing, language, listening and speaking skills as outlined by the NJSLs
- Reading selections include all genres - combination of core texts and choice books
- Writing includes narrative, informative/explanatory, and persuasive/argumentative
- Summer Reading Program: All students 9-12 are required to read two books over the summer. Students enrolled in Advanced Placement courses will have additional summer reading requirements.



BHS English Department

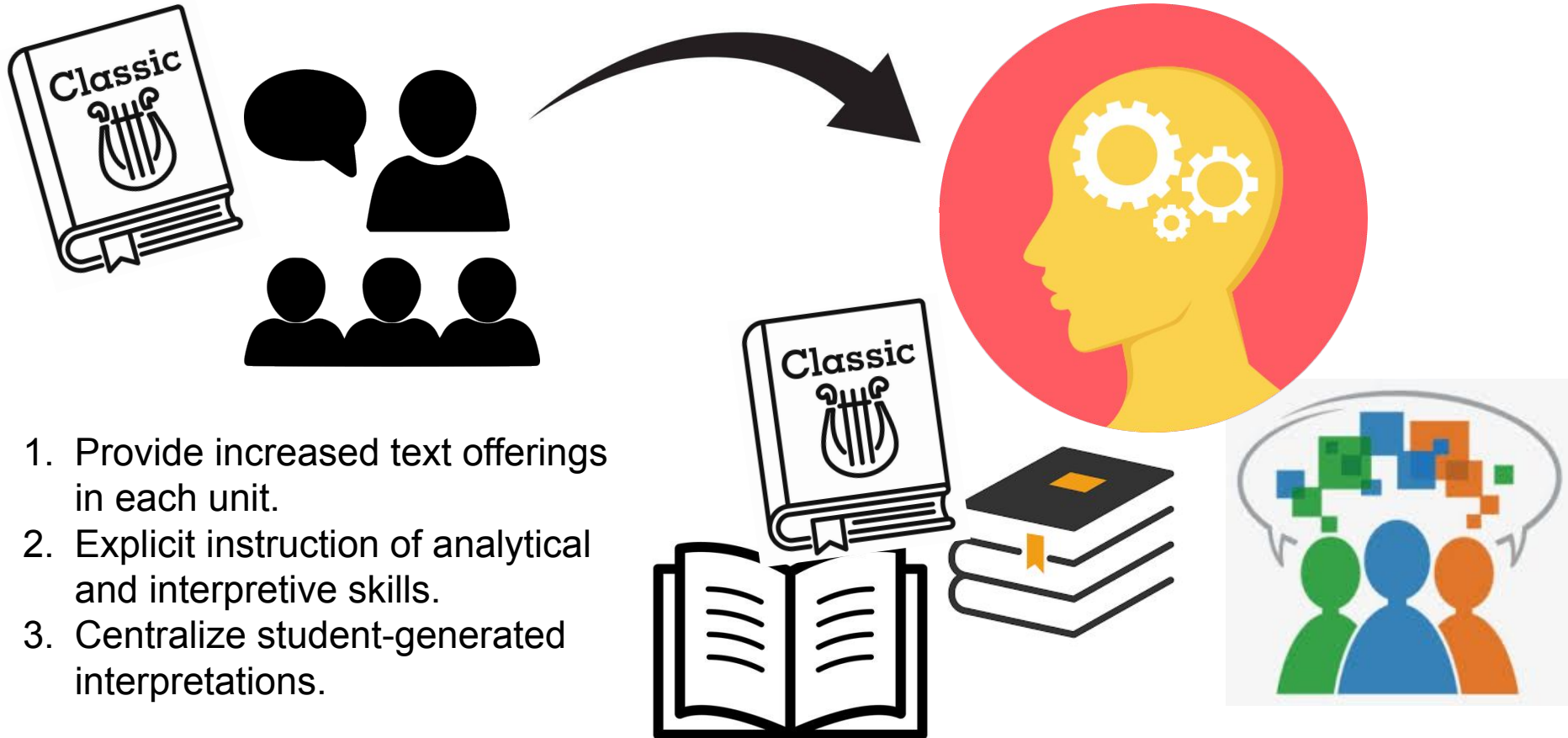
Grade 9	Grade 10	Grade 11	Grade 12
English I (A)	English II (A)	English III (A)	English IV (A)
English I (H)	English II (H)	English III (H) English III AP	English IV (H) English IV AP
ESL English	ESL English	ESL English	ESL English English IV
Introduction to Journalism* Creative Writing* Public Speaking* Debate* Techniques of Writing*	Introduction to Journalism* Journalism I* Creative Writing* Public Speaking* Debate* Techniques of Writing*	Introduction to Journalism* Journalism I* Journalism II* Creative Writing* Public Speaking* Debate*	Introduction to Journalism* Journalism I* Journalism II* Publications Honors* Creative Writing* Public Speaking* Debate*

Course descriptions are available in the Program of Studies document located on shsd.org



BHS English Department

Instructional shifts to increase reading volume and transfer.





BHS Related Arts Department

**These courses meet the Visual & Performing Arts Requirements:
(Total of 1 year required)**

Art I (semester)	Concert Choir
Art II	Madrigals (H)*
Advanced Art (A)/(H)	Orchestra
3-D Sculpture and Ceramics	Concert Band
Global Artisans	Jazz Ensemble (H) *
Photoshop (semester)	Music Theory and Musicianship I and II (semester)
Digital Photography (semester)	Music Technology I (semester)
Digital Imaging (semester)	Music Technology II (semester)
Photo Workshop	Theatre Arts I (semester)
AP Studio Art 2-D/ AP 2-D Photo	Theatre Arts II (semester)
Chorus	Acting Troupe



BHS Social Studies Department

Core History Courses

World History



US History 1



US History 2

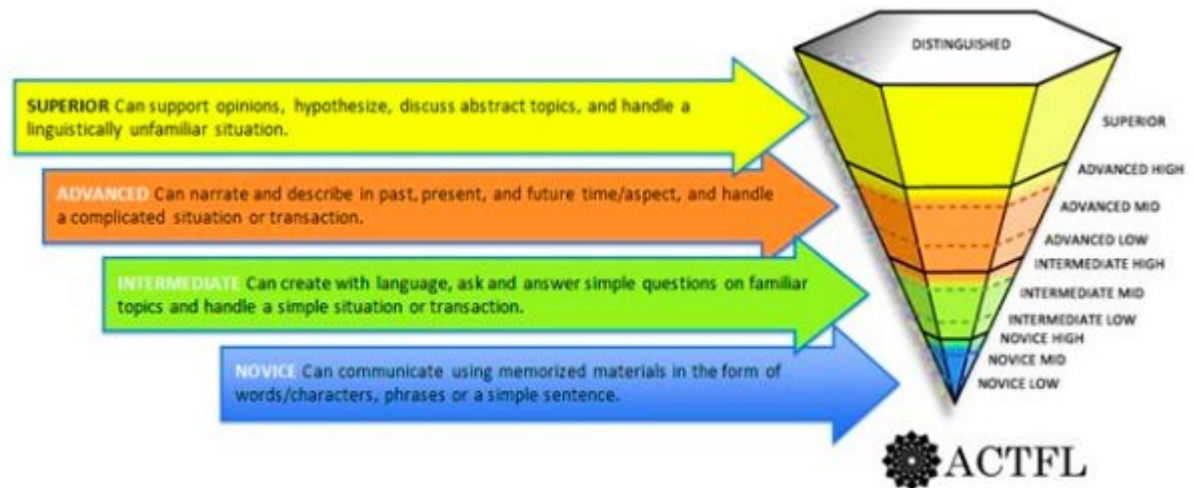
Social Studies Electives

<u>Open to 10th Graders</u>	<u>Open to 11th Graders</u>	<u>Open to 12th Graders</u>
Comparative World Religions	Contemporary Global Issues	AP European History
AP Psychology	Psychology A	20th Century History through Film
AP World History: Modern	AP US Government and Politics	
	Popular Music in US History	
	Sociology	

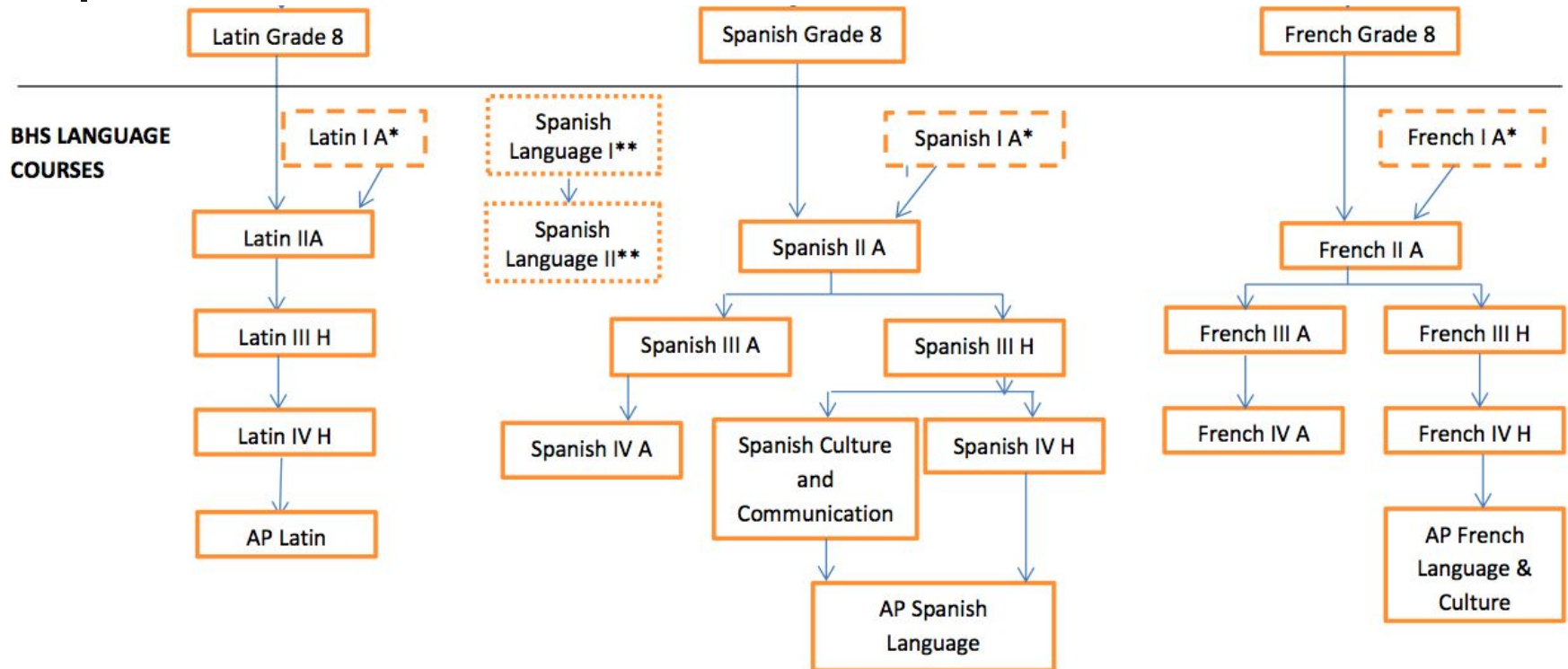
You can find descriptions of the electives on the [Social Studies Department Website](#)

BHS World Language Department

BHS is in the middle of rewriting all modern world language curriculum with a proficiency focus. Proficiency based curriculum is having students explain if they enjoyed their meal at a restaurant instead of memorizing restaurant vocabulary.



BHS World Language Department



Some new 1A and 2A units include: Beauty Inside & Out, World Leaders, Family Traditions, and Media Literacy

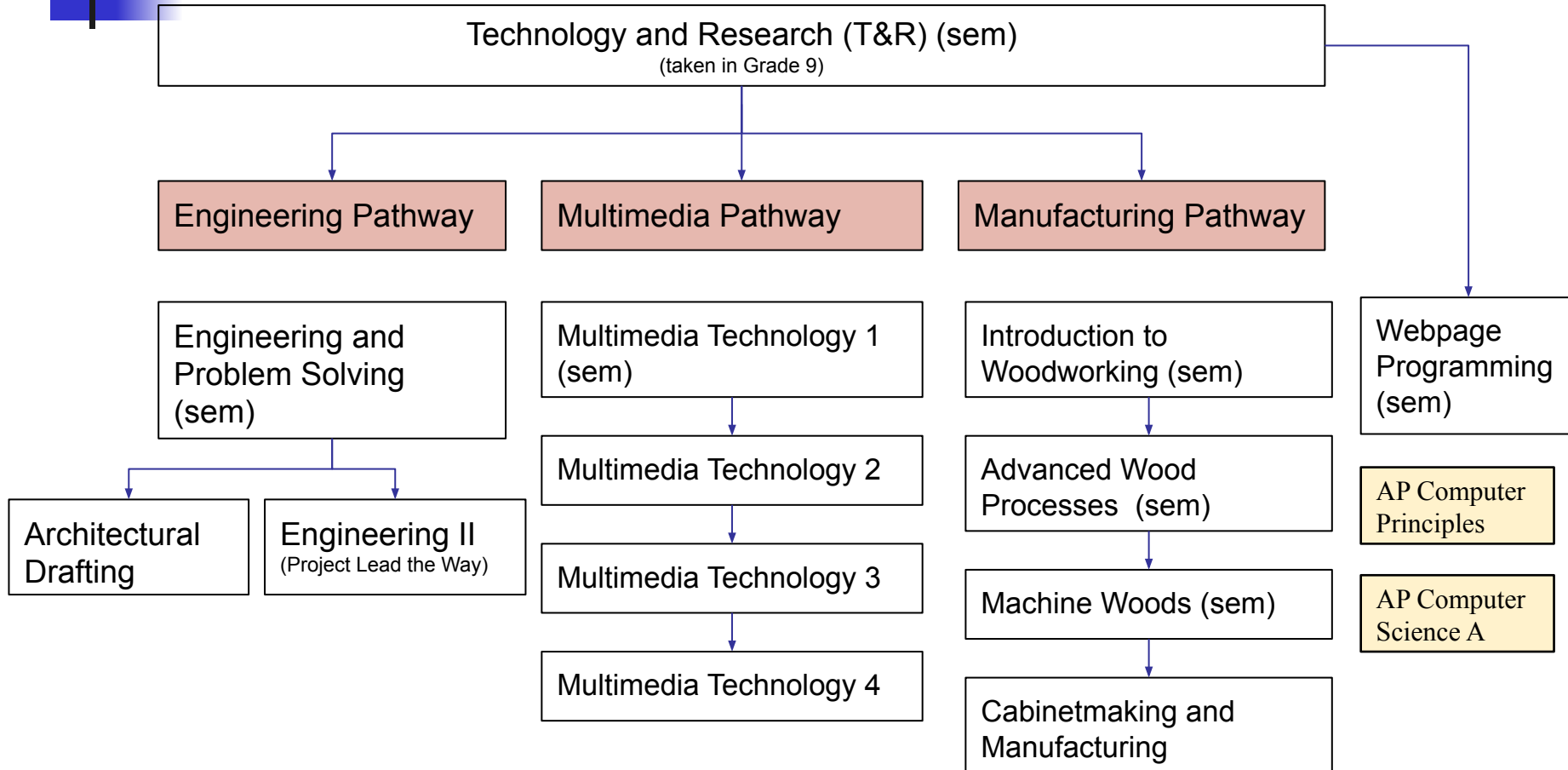


BHS Math Department

- Offer four year course sequence for all learners
 - Algebra 1 \rightarrow Geometry \rightarrow Algebra II \rightarrow Beyond
- Several electives offered
- Courses focus on developing conceptual mathematical understanding, critical thinking, and problem solving.
- Courses are aligned to the New Jersey Student Learning Standards

Technology Grades 9 - 12

Course Sequence



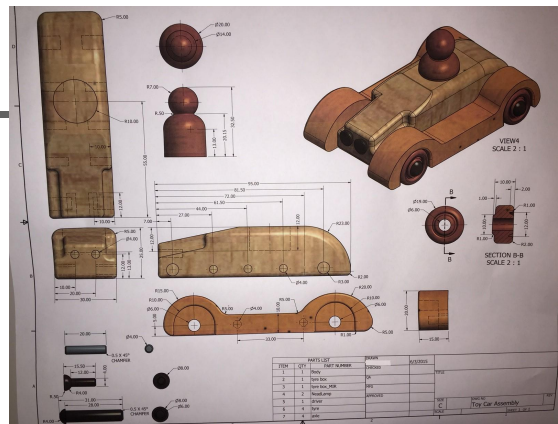


BHS Technology Department

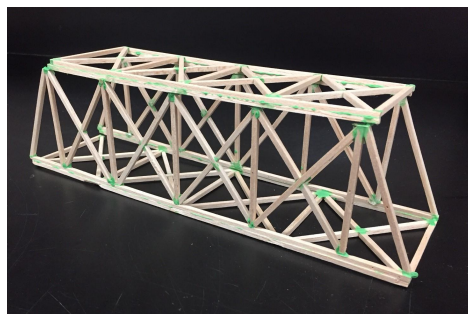
- Curriculum designed around engineering design and problem solving skills
- Courses aligned with the Technology New Jersey Student Learning Standards
- Focused on development of 21st Century Learners
- Pathways suited to meet student's interest (STEM, Woodworking, Video Production)



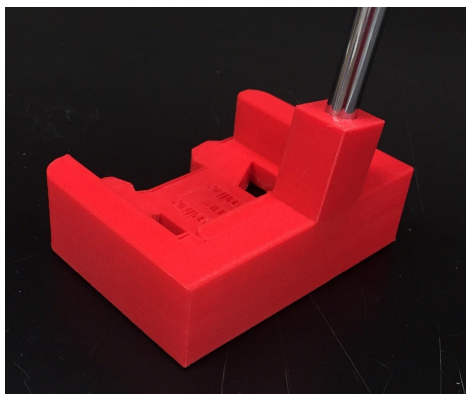
Student Projects



Toy Car Blueprint



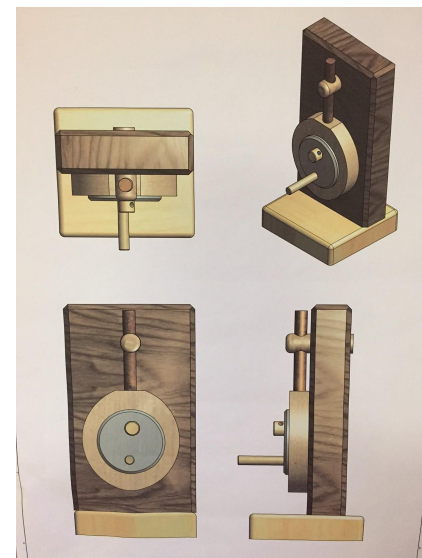
Balsa Wood Bridges



3D Printed Putter



Catchall cut on CNC Router



Mechanical Marvel Rendering



BHS Science Department

Next Generation Science Standards (NGSS) [now NJ Student Learning Standards] - 2020

- More “Doing” Science as opposed to learning about science.
- Three dimensional approach that require students to utilize **disciplinary core ideas**, **crosscutting concepts** and **science and engineering practices** to analyze and explain phenomena and/or to solve engineering problems.
- “Develop and use a model of two objects interacting through electric or magnetic fields to illustrate the forces between objects and the changes in energy of the objects due to the interaction.” (HS-PS3-5)



BHS Science Department

Grade 9	Grade 10	Grade 11	Grade 12
Biology	Chemistry	Physics Environmental Science (A)	Environmental Science (A) Anatomy for Life
Biology (A)	Chemistry (A)	Physics Physics (A) Physics (H) Environmental Science (A) Anatomy & Physiology (A)	Environmental Science (A) Anatomy & Physiology (A)
Biology (H)	Chemistry (H)	Physics (H) AP Physics 1 AP Biology AP Chemistry AP Environmental Science Anatomy & Physiology (H)	AP Biology AP Chemistry AP Physics 2 AP Physics C AP Environmental Science Anatomy & Physiology (H)



NJSLA Spring 2022

Two Days of Testing

- May 16-19
- Testing time
 - ELA 9 - Two 90-Minute Units (5/16 and 5/17)
 - Math Grade 9 - Two 90-Minute Units (5/18 and 5/19)
 - Algebra 1 - Two 90-Minute Units
 - Algebra 2 - Two 90-Minute Units
 - Geometry - Two 90-Minutes Units
 - Science - Grade 11 - Four 60-Minute Units

[New Jersey Student Learning Standards](#)



Contact Information

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