

AHS SCHEDULING COMMITTEE REPORT



SUMMARY OF OUR GOALS

Design a schedule that meets the needs of the students, the programs, the teachers, and the Andover community.

Tasks	Status
Learn from the expertise of comparable schools who have a successful schedule or who have successfully undertaken a schedule design change.	Complete
Collect and analyze student and teacher data in order to garner the most current and accurate description of our student and teacher populations and their specific needs.	Complete
Design a schedule that focuses on identified student needs and the development of a positive teaching and learning environment for all school community members while being mindful of various fiscal and programmatic issues.	Complete
Submit a schedule recommendation to all appropriate parties.	June 16

PRIORITIES

- ❑ More course continuity
- ❑ More time for students to absorb/process material
- ❑ Instructional time between 60-75 minutes
- ❑ Student personalization program during the school day*
- ❑ Schedule rotation that optimizes learning during the day for all sections
- ❑ Teacher collaboration time during the school day* to address:
 - Interdisciplinary curriculum unit planning
 - Ongoing improvement to instructional practice
 - Development and embedding of common assessments
 - Analysis of student performance data
 - Japanese Lesson Study models

STATE AND LOCAL PRIORITIES

- Meets the state requirements of 990 hours of instruction within the school year.
- Maintains fiscal responsibility
- Ensures comparable teacher instructional time and student learning time as current schedule

RECOMMENDED “7 plus H” SCHEDULE

- ❑ Students register for 7 credits/year
- ❑ Schedule is an 8-day rotating cycle
- ❑ There are 5 periods each day
- ❑ School day is from 7:44 to 2:05
- ❑ Day has 2 long blocks (75 min, 80 min) /3 short blocks (60 min)
- ❑ Scheduled Professional Learning Community time for teachers
- ❑ Introduces the H block (5 x per 8 day cycle)

ANDOVER HIGH SCHOOL "7 PLUS H" SCHEDULE

Student Schedule	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8
7:44—8:44 60 MIN	A1	B1	C2	A3	B3	C4	A5	B5
8:48—10:03 75 MIN	C1	A2	B2	H3	A4	B4	C5	D5
10:07-11:07 60 min	D1	H2	F2	E2	G3	D4	H5	F5
11:07—1:01 (lunch) 80 MIN	H1	G1	D2	F3	E3	F4	E4	G5
1:05 -- 2:05 60 MIN	F1	E1	G2	C3	D3	H4	G4	E5
Drop	B, E, G	C,D,F	A, E, H	B,D, G	C,F, H	A, E, G	B,D, F	A,C, H

OPPORTUNITIES WITHIN “7 PLUS H” SCHEDULE

H block provides:

- Youth Enrichment Seminar (YES) Program (Advisory)
- Teacher -student academic support sessions for tiered and differentiated instruction
- School-wide, grade-level assemblies
- Delivery of developmental guidance curriculum
- Opportunities for community service, independent study, and senior exhibition
- Flexibility to extended teaching and learning

OPPORTUNITIES WITHIN “7_{plus} H” SCHEDULE

Professional Learning Community (PLC) provides time for teachers to work collaboratively on:

- developing interdisciplinary courses/units
- expanding Project-Based Learning opportunities
- developing new instructional strategies
- analyzing common assessment data
- promoting the importance of collaboration and creative problem solving

IDENTIFIED IMPACTS

The impacts are:

- Finite with a forecasted resolution within the first two years of implementation
- Represent a change in practice only; it maintains the mission and vision of both the school and district.

STUDENT IMPACTS

**AHS Class of 2015 thru 2018 Credit Summary Report
for the 2014-2015 Academic School Year
Data Collected on 9-14-14**

Enrollment: 1750

Credits	2015 (12)	2016 (11)	2017 (10)	2018 (9)
under 7.5	9	1	7	2
7.5	271	258	287	283
7.75	19	14	11	4
8	116	163	171	134
Totals Students	415	436	476	423

AHS "7 plus H" SCHEDULE – GRADE 9

Student Schedule	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8
7:44—8:44 60 MIN	A1 English 9 & Composition	B1 S1:PE S2: Health	C2 Geometry	A3 English 9 & Composition	B3 S1:PE S2: Health	C4 Geometry	A5 English 9 & Composition	B5 S1:PE S2: Health
8:48—10:03 75 MIN	C1 Geometry	A2 English 9 & Composition	B2 S1:PE S2: Health	H3	A4 English 9 & Composition	B4 S1:PE S2: Health	C5 Geometry	D5 World Civ
10:07-11:07 60 min	D1 World Civ	H2	F2 Spanish II	E2 S1: Elective S2: Elective	G3 Physical Science	D4 World Civ	H5	F5 Spanish II
11:07—1:01 (lunch) 80 MIN	H1	G1 Physical Science	D2 World Civ	F3 Spanish II	E3 S1 : Elective S2: Elective	F4 Spanish II	E4 S1: Elective S2:Elective	G5 Physical Science
1:05 -- 2:05 60 MIN	F1 Spanish II	E1 S1: Elective S2: Elective	G2 Physical Science	C3 Geometry	D3 World Civ	H4	G4 Physical Science	E5 S1: Elective S2: Elective
Drop	B, E, G	C,D,F	A, E, H	B,D, G	C,F, H	A, E, G	B,D, F	A,C, H

Students will need 1.0 elective credit

Composition & English 9 will be combined into 1.0 credit course

AHS "7 plus H" SCHEDULE – GRADE 10

Student Schedule	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8
7:44—8:44 60 MIN	A1 English 10	B1 S1:PE S2: Elective	C2 Algebra II	A3 English 10	B3 S1:PE S2: Elective	C4 Algebra II	A5 English 10	B5 S1:PE S2: Elective
8:48—10:03 75 MIN	C1 Algebra II	A2 English 10	B2 S1:PE S2: Elective	H3	A4 English 10	B4 S1:PE S2: Elective	C5 Algebra II	D5 20th Century History
10:07-11:07 60 min	D1 20 th Century History	H2	F2 Spanish III	E2 S1: Elective S2: Elective	G3 Biology	D4 20 th Century History	H5	F5 Spanish III
11:07—1:01 (lunch) 80 MIN	H1	G1 Biology	D2 20 th Century History	F3 Spanish III	E3 S1: Elective S2: Elective	F4 Spanish III	E4 S1: Elective S2: Elective	G5 Biology
1:05 -- 2:05 60 MIN	F1 Spanish III	E1 S1: Elective S2: Elective	G2 Biology	C3 Algebra II	D3 20 th Century History	H4	G4 Biology	E5 S1: Elective S2: Elective
Drop	B, E, G	C,D,F	A, E, H	B,D, G	C,F, H	A, E, G	B,D, F	A,C, H

Students will need 1.5 elective credits (same as current grade 10 students)
1.0 credit Algebra II will replace Algebra II & Algebra III

AHS "7 plus H" SCHEDULE – GRADE 11

Student Schedule	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8
7:44–8:44 60 MIN	A1 Precalculus	B1 S1: Elective S2: Elective	C2 Survey of American or British Lit	A3 Precalculus	B3 S1: Elective S2: Elective	C4 Survey of American or British Lit	A5 Precalculus	B5 S1: Elective S2: Elective
8:48–10:03 75 MIN	C1 Survey of American or British Lit	A2 Precalculus	B2 S1: Elective S2: Elective	H3	A4 Precalculus	B4 S1: Elective S2: Elective	C5 Survey of American or British Lit	D5 AP US History
10:07-11:07 60 min	D1 AP US History	H2	F2 Hispanic Language & Culture	E2 S1: PE S2: Health	G3 Chemistry	D4 AP US History	H5	F5 Hispanic Language & Culture
11:07–1:01 (lunch) 80 MIN	H1	G1 Chemistry	D2 AP US History	F3 Hispanic Language & Culture	E3 S1: PE S2: Health	F4 Hispanic Language & Culture	E4 S1: PE S2: Health	G5 Chemistry
1:05 – 2:05 60 MIN	F1 Hispanic Language & Culture	E1 S1: PE S2: Health	G2 Chemistry	C3 Survey of American or British Lit	D3 AP US History	H4	G4 Chemistry	E5 S1: PE S2: Health
Drop	B, E, G	C, D, F	A, E, H	B, D, G	C, F, H	A, E, G	B, D, F	A, C, H

Students will need 1.0 elective credit

AHS "7 plus H" SCHEDULE – GRADE 12

Student Schedule	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8
7:44–8:44 60 MIN	A1 AP Calculus AB	B1 S1: Elective S2: Elective	C2 AP English	A3 AP Calculus AB	B3 S1: Elective S2: Elective	C4 AP English	A5 AP Calculus AB	B5 S1: Elective S2: Elective
8:48–10:03 75 MIN	C1 AP English	A2 AP Calculus AB	B2 S1: Elective S2: Elective	H3	A4 AP Calculus AB	B4 S1: Elective S2: Elective	C5 AP English	D5 Contemporary World Issues
10:07-11:07 60 min	D1 Contemporary World Issues	H2	F2 AP Spanish	E2 S1: PE S2: Elective	G3 Physics	D4 Contemporary World Issues	H5	F5 AP Spanish
11:07–1:01 (lunch) 80 MIN	H1	G1 Physics	D2 Contemporary World Issues	F3 AP Spanish	E3 S1: PE S2: Elective	F4 AP Spanish	E4 S1: PE S2: Elective	G5 Physics
1:05 -- 2:05 60 MIN	F1 AP Spanish	E1 S1: PE S2: Elective	G2 Physics	C3 AP English	D3 Contemporary World Issues	H4	G4 Physics	E5 S1: PE S2: Elective
Drop	B, E, G	C,D,F	A, E, H	B,D, G	C,F, H	A, E, G	B,D, F	A,C, H

Students will need 1.5 elective credits

DEPARTMENT IMPACTS

- Examination of course prerequisites
- Examination of current course offerings
- Re-allocation of credits for some courses

GUIDANCE IMPACTS

- Graduation requirements
- 2-year transition plan

SPECIAL EDUCATION

- Proposal keeps the intensive programs such as the Language Based Program in tact.
- We believe this schedule meets the requirements of the individual education plans.
- H Block creates opportunities for case managers to meet with their students, for students to receive additional help and support, and to participate in other school-wide activities

FISCAL IMPLICATIONS

- ❑ Increase in FTEs
 - ❑ Content
 - ❑ Special Education
- ❑ Textbooks and Equipment for full year classes
- ❑ Curriculum and instructional revisions prior to and during implementation.

SUMMARY

The implementation of a “7 plus H” schedule at Andover High School provides the structure to build on our success and to create new opportunities for greater innovation for learning and teaching.

Our recommendation is derived from:

- ❑ Analysis of strengths and challenges of current AHS schedule
- ❑ Analysis of strengths and challenges of schedules from other high- performing high schools
- ❑ Analysis of data gathered from teachers, parents, and students
- ❑ Alignment of the School Improvement Plan & District Strategic Plan, which included advisory, differentiation, innovation, and teacher collaboration, etc.