

Northern High School Information Night 2018-2019



• COMMUNICATION is KEY!

Please sign up for our
REMIND Text/Email
Alerts!

Please update your
email in HAC so that
you don't miss
important emails

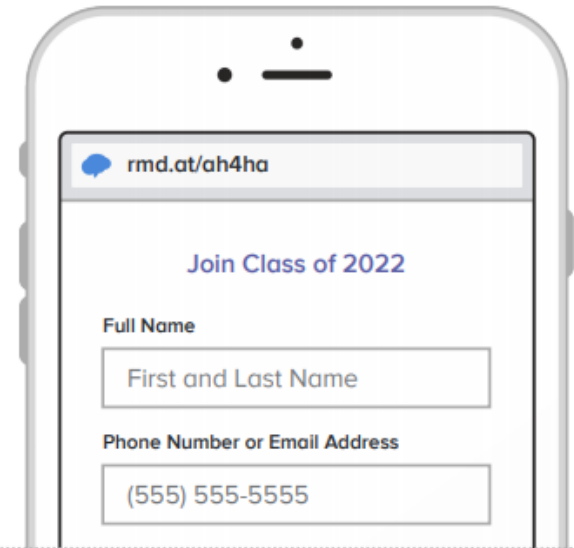
A

If you have a smartphone, get push notifications.

On your iPhone or Android phone, open your web browser and go to the following link:

rmd.at/ah4ha

Follow the instructions to sign up for Remind. You'll be prompted to download the mobile app.



The illustration shows a smartphone screen with the URL rmd.at/ah4ha at the top. Below the URL is the heading "Join Class of 2022". There are two input fields: "Full Name" with the placeholder text "First and Last Name", and "Phone Number or Email Address" with the placeholder text "(555) 555-5555".

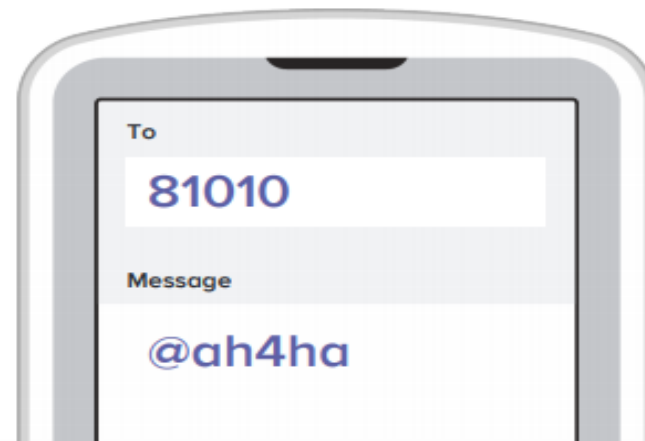
B

If you don't have a smartphone, get text notifications.

Text the message [@ah4ha](https://t.me/ah4ha) to the number 81010.

If you're having trouble with 81010, try texting [@ah4ha](https://t.me/ah4ha) to (862) 260-8677.

** Standard text message rates apply.*



The illustration shows a smartphone screen with a text message interface. The "To" field contains the number "81010". The "Message" field contains the text [@ah4ha](https://t.me/ah4ha).

Know Your Graduation Requirements

MUST HAVE A MINIMUM OF **23½** CREDITS IN 4 YEARS

	Credits Required
English	4
Math (Algebra/Geometry)	4
Social Studies	3
Science (Biology and 2 other sciences)	3
Fine Art	1
Technology Ed.	1
Physical Education	½
Health	½
Financial Literacy	½
Pathway Requirements	2 World Language/ 4 CTE
ADDITIONAL Academic Elective (Rigor)	1
English, Math, Science, Social Studies, Foreign Language, Naval Science III, AP class, Level II Career Center Class	

*** Students entering grade 9 in 2014 or after are required to take a math course each year they are enrolled in high school**

New Information!

- **American Sign Language** – Was offered for the first time this school year. It can count as the World Language Pathway.
- **New Social Studies Sequence:**
 - 9th grade – US History
 - 10th grade – Government
 - 11th grade – World History
- **Science** – NGSS - Next Generation Science Standards
 - Life Science – Embedded in the 9th grade Biology curriculum
 - Physical Science – Chemistry/Physics (Can be taken as two separate courses or combined in either Matter and Energy or PreAP PhysChem)
 - Earth Science – Embedded in 9th grade Biology curriculum



All of this information can also be found in your course catalog or online on the CCPS website

High School Science Course Sequence

All students are required to take three science courses.

Actual course selection will depend upon completion of prerequisites and teacher recommendation.

As the middle school math sequence has changed and may continue to do so, math prerequisites may be adjusted.

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Comprehensive or Honors Biology* 4204/4207 (course contains necessary Life Science and Earth Science content)	Matter & Energy* 4604 (course contains necessary Physical Science content) Honors Chemistry* 4307 (course contains chemistry components of Physical Science content) Pre AP PhysChem* 4408 (course contains necessary Physical Science content)	Earth Science* 4104/4107 Honors Chemistry* 4307 Honors Physics* 4407 (course contains physics components of Physical Science content) AP Science Courses* (Biology, Chemistry, Environmental Science, Physics 1, Physics C: M, Physics C: E&M)	Earth Science* 4104/4107 Honors Environmental Science 4507 Honors Chemistry* 4307 Honors Physics* 4407 AP Science Courses* (Biology, Chemistry, Environmental Science, Physics 1, Physics C: M, Physics C: E&M)

***These courses qualify as Next Generation Science Standard (NGSS) courses**

If you have any questions regarding student placement or course sequence please email Danielle Dowling, Science Core Lead, at dowlingd@calvertnet.k12.md.us.

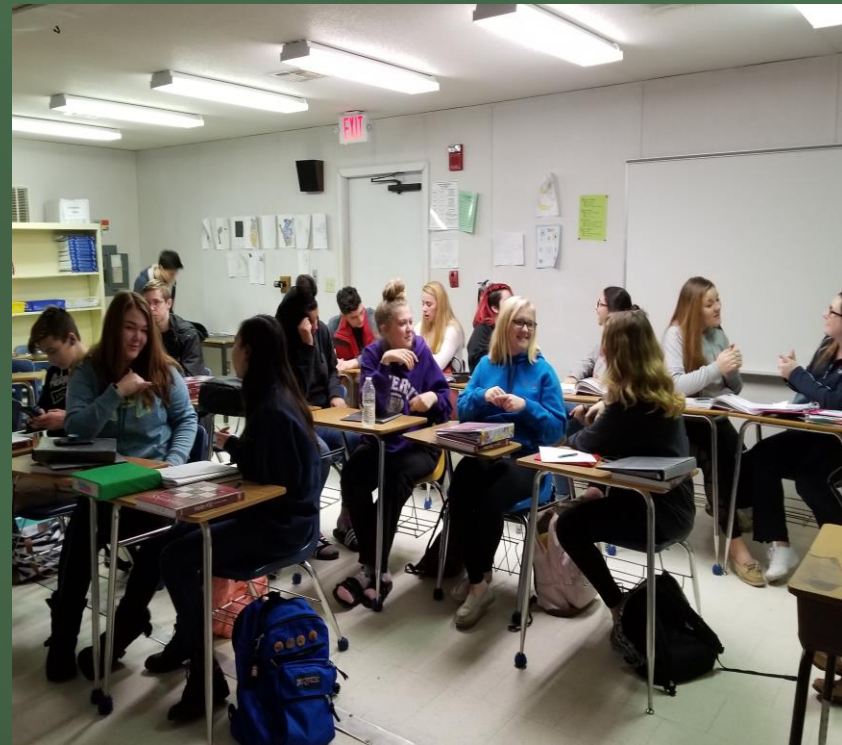
You Need a Pathway to Graduate!

1. College Prep Pathway (two years of a world Language)
2. A Career Pathway
3. Or be a Dual Completer and do both



Stay at Northern and Take:

- Academy of Finance
- Accounting
- Business Administrative Services
- Business Management
- Career Research & Development
- Computer Science
- Criminal Justice
- PLTW- Biomedical Sciences
- PLTW- PreEngineering
- Teacher Academy of MD (TAM)



Or Attend the Career Center and Take 2 Years Of:

- Academy of Health Professions
- Auto Mechanics-Service Tech.
- Carpentry
- CISCO Networking Academy
- Construction Design and Management
- Cosmetology
- Culinary Arts
- Electricity
- Fire Fighter/EMT (1 yr. only)
- Food Production
- Graphic Arts
- HVAC
- Home Improvement
- Masonry
- Plumbing
- Welding



https://www.youtube.com/watch?v=P_OnSV0NlfU

Required Exams

- PARCC Algebra 1
- HSA Government
- PARCC English 10
- MISA (Maryland Integrated Science Assessment)

More Graduation Requirements

➤ Service Learning 75 Hours

Check report cards for hours earned/needed.

Most of you will have completed these hours (fieldtrips in elementary school), but continue to turn in hours should you accumulate more.



Grade-Level Credit Requirements

- MUST HAVE A MINIMUM OF **23½** CREDITS IN 4 YEARS
- To be considered a **10th** grade student:
5 Credits including English 9
- To be considered an **11th** grade student:
11 Credits including English 10
- To be considered a **12th** grade student:
17 Credits including English 11

Additional Opportunities for the future:

➤ Online Courses

- May take your first online course 2nd semester of ninth grade.
- Keep in mind they are rigorous and academically challenging.
- There is a fee to take the course if it is beyond the 7 credits.

➤ Dual/Concurrent Enrollment

- This is a joint program between CCPS and CSM that offers certain high school students the opportunity to earn college credits while still in high school.

Timeline For Scheduling

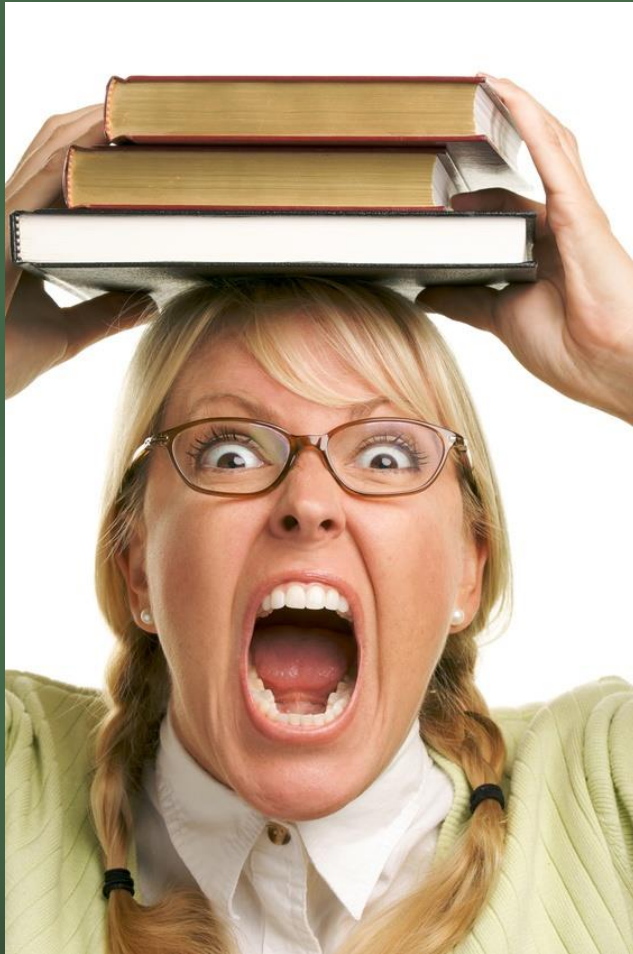
Forms are due to the Middle School Counselors by:

Windy Hill Middle: **Friday 2/16/18**

Northern Middle: **Friday 2/16/18**

No course request changes will be granted after
Thursday, June 28th, 2018.

UPSET/FRUSTRATED/CONFUSED?



Contact your child's
middle school counselor
or Mrs. Oldham!

Northern High School

- Multiple Opportunities for Success (Academics, Athletics, Social Action)
- Building a foundation to: attend college, trade school, employment, or join the military
- Getting Involved = Success

Awards and Accolades

- Recently the Calvert Recorder featured the Top 5 sports stories of 2017. NHS Athletics were 4 out of the 5. Our football team made it to playoffs. Girls Volleyball, Girls Cross Country, and Boys Lacrosse all won state championships.
- Chamber Choir has earned top ratings at both local and state level Chorus festivals
- Wind Ensemble has received superior ratings at the county and state level.
- Marching Band placed 3rd in the state.
- Multiple members of the band and chorus were chosen to participate in the All-County and Tri-County Honor band and chorus.

Awards and Accolades continued

- The NHS theater department has been breaking ground in the theater world with ambitious productions. NHS was the first high school to put on CATS and School of Rock.
- NJROTC have won competitions at the local, state, and national level and offers access to military scholarships.
- FBLA – Has achieved Outstanding Chapter for the last 15 years and Chapter of the year 9 times.
- MESA has been Regional or State Champion every year since 2001

PSAT

- The PSAT is given during the school day in October
- This year, 625 students sat for the PSAT
- The more you take the PSAT the better your chances of scoring high on the SAT
- Freshmen, Sophomores and Juniors should take the PSAT

AP/Honors Courses

- Currently 679 students (59 - 9th graders) are taking AP classes, many are sitting in more than one class, totaling 1371 seats in AP classes
- Currently 1,250 students (399-9th graders) are taking Honors classes, totaling 2747 seats in Honors classes
- AP & Honors classes provide Academic Rigor and possible college credit (AP only)

Lunch Plus

➤ 30 minutes to eat, 30 minutes to be productive

During the *Lunch Plus* students will:

- Actively participate in social time with peers and teachers.
- Take advantage of academic programs such as remediation and additional study/homework time.
- Join extracurricular activities and attend club meetings.
- Make up quizzes, tests, and assignments
- Utilize computer labs and the media center to research, study, type papers, or just use the Internet.



Additional Info.

- B.Y.O.D. Bring Your Own Device – Wi-Fi building – the use of technology is encouraged in classroom.
- H.A.C. Home Access Center – Monitor your student's grades.
- Scheduling conferences – Contact the teacher directly if you need to speak to that one teacher. Contact your child's counselor if you would like to schedule a meeting with more than one teacher.
- PBIS – Rewarding Positive Behavior – Pos. Referrals, PATS Tickets.
- Weekly Blast / NHS Website – Stay informed about what's happening at NHS.

Curriculum Fair

- Learn more about our curriculum offerings and Athletics by visiting tables that are located in the Cafeteria
- Ask questions/Take literature
- HAVE A GREAT EVENING!! 😊