



**2023 - 2024**

# **TIMBERCREST MIDDLE SCHOOL**

## **8<sup>th</sup> Grade Course Catalog**

**WE ARE.....**

RESPECTFUL RESPONSIBLE INCLUSIVE

**WE ARE THE WOLVES**

# Welcome From The Pack

The middle school experience is extremely important; Students are developing their interests and academic habits, as well as finding their way socially.

Through the dedicated work of teachers and staff, we are committed to providing an intentional and strong academic experience. Students are challenged in classes designed to expand their knowledge and skills while developing the academic habits needed to carry them through high school and post-secondary education. Timbercrest offers a wide variety of courses that allow students to explore and discover areas of interest they may want to pursue in high school and beyond.

Our counselors are available to guide and support your child and assist them as they establish a pathway based on their college and career plans.

We believe every student at Timbercrest is unique and has something to offer. Students are encouraged to share their imagination, talent, leadership and other skills by participating in a school club or sport. Extra-curricular activities help to develop a good work ethic, promote a dedication to service and teamwork and provide a forum for building lifelong friendships.

Timbercrest is a community committed to respect, responsibility and inclusiveness.

## Registration Dates

Date	
March 2nd and 3rd	Counselors visiting Science classes to go over registration information
March 8th	Parent Q&A Zoom
March 10th	Online registration window closes at midnight
March 13, 14 and 15th	Course request profile sent home with students for parents review and signature
March 20	Course request profile forms with parent signature due back to school - Main office

## TIMBERCREST Middle School

### Office Hours:

**7:30 AM – 3:30 PM**

Main Office: 408-6900  
Attendance: 408-6910

### PRINCIPAL:

**Kristi Saitz** 408-6905

### ASSISTANT PRINCIPAL/ATHLETIC DIRECTOR

**James Van Stralen** 408-6925

### COUNSELOR:

**Ann McGowan** 408-6920

8th Grade

**Dierdre Flaherty** 408-6924

6th Grade

**Mike Rhyne** 408-6921

7th Grade

### OFFICE MANAGER:

**Terri Weir** 408-6901

### MAIN OFFICE/ASB SECRETARY:

**Kristie Brower** 408-6903

### STUDENT INFO. SPECIALIST/REGISTRAR:

**Maureen Wilson** 408-6918

### ATTENDANCE SECRETARY:

**Donna Wagner** 408-6910

### NURSE:

**Cary Thompson** 408-6906

### KITCHEN MANAGER:

**Nanette Connor** 408-6908

### QUESTIONS ABOUT....

ATHLETICS 408-6925

BUSES 408-7900

CHANGE OF ADDRESS 408-6918

EXTENDED ABSENCES 408-6910

WAIVERS 408-6918

## W.E.B. Program

**W**here **E**verybody **B**elongs!

Built on the belief that older students can help younger students succeed, W.E.B. trains members of the current seventh grade class to be W.E.B. Leaders during their eighth grade year. W.E.B. leaders are motivators, mentors and role models who will guide sixth grade students to discover what it takes to be successful in middle school.

As a W.E.B. leader, students attend training, participate in orientation day at the start of the 2023 school year, and will be assigned a small group of students they will work with throughout the school year. W.E.B. Leaders also participate in putting on events held before and after school for all sixth grade students. Students may be asked to tour new students enrolling at Timbercrest, help with registration or present lessons in classes.

As a W.E.B. leader you will:



- Act as a role model for students
- Help increase academic success by supporting peers
- Develop leadership skills
- Help develop new relationships
- Teach students that by working together they can be successful
- Help create a supportive and positive atmosphere on our campus

Being a part of W.E.B. is a great opportunity to be a leader at Timbercrest!

# Timbercrest FAQs

**Q: How do I stay up to date on what is happening at Timbercrest?**

- Check the TMS website frequently! The website is updated daily/weekly with announcements, school calendar, Daily Bulletin, news and school resources. Go to: [www.nsd.org/timbercrest](http://www.nsd.org/timbercrest).
- Read the **Pack Report** – Timbercrest’s bi-monthly e-newsletter. You will automatically be subscribed to receive the newsletter in August based on the email address(s) provided on registration materials. Updates can be made through ParentVue web portal. The Pack Report can also be downloaded from the Timbercrest website.

**Q: What does the daily schedule look like?**

- School start and end times as well as bell schedules are available on the website at <https://timbercrest.nsd.org/our-school/middle-school-schedules>

**Q. What if I have concerns about my child's progress in school, or any other student issues?**

- Open and direct communication is promoted at Timbercrest.
- Contact the teacher or staff member directly.
- Parents and students have access to view attendance, grades, etc. through ParentVue. Parents and students can easily communicate with teachers within the portal.
- Counselors are available on campus to support students’ emotional, social, and academic needs.
- Additional resources are available – math help and homework help.

**Q. Who is my student’s counselor and how can I reach them?**

**2023-2024 assignments:**

- **Ann McGowan**, [amcgowan@nsd.org](mailto:amcgowan@nsd.org) 425/408-6920 – 8<sup>th</sup> grade
- **Dierdre Flaherty**, [dflaherty@nsd.org](mailto:dflaherty@nsd.org) 425/408-6924 – 6<sup>th</sup> grade
- **Michael Rhyne**, [mrhyne@nsd.org](mailto:mrhyne@nsd.org) 425/408-6921- 7<sup>th</sup> grade

*Note: Counselors follow class as they move grades.*

**Q: How do I get a username and password to access ParentVue?**

- Email our Registrar, Maureen Wilson at [mwilson@nsd.org](mailto:mwilson@nsd.org)

**Q: How does Timbercrest help 6<sup>th</sup> graders make the transition?**

- WEB – Where Everyone Belongs – is a program specifically designed to help students’ transition into middle school.
- 6<sup>th</sup> graders are grouped with selected 8<sup>th</sup> grade peer mentors.
- First day of school is for 6<sup>th</sup> grade only (and WEB leaders).
- 6<sup>th</sup> graders will spend their first day at middle school with their WEB group and walk through their individual class schedule and classroom locations. The day will include a variety of fun orientation activities.

- WEB activities continue throughout the school year.

**Q: *What about backpacks, lunch and school supplies?***

- There are no lockers at Timbercrest, except in the PE locker room where students enrolled in PE can store their items during their PE class.
- Students involved in after school athletics, need to make arrangements with their coach or PE teacher to store their gear during the school day.
- Students need a backpack that they can take from class to class.
- Typically, students don't need to carry textbooks. Many textbooks are available online.
- Students who bring lunch need to carry it with them throughout the day.
- Various lunch options can be purchased in the cafeteria.
- Prepayments for lunch can be set up through TITAN School Solutions on the NSD website, or by sending a check or cash with your student to be given to the kitchen manager. TITAN will charge a \$2.60 per payment processing fee.
- School supplies – Less is more for the first day of school. Typically a binder or set of folders (one for each subject), paper, a couple composition books, and pencils will be enough. There is a general Supply List posted on the Timbercrest website for all grades and all subjects. Teachers will communicate specific material requirements within the first 1-2 weeks of school. Students will receive a student planner/agenda the first week of school.
- Families needing financial assistance can request a backpack with basic school supplies from their student's counselor.

**Q: *What is an ASB card, and does my child need it?***

- The ASB (Associated Student Body) card is required for all students choosing to participate in any extracurricular school activity. This includes all clubs, athletics, Honor Society, theater productions, etc. The money collected is used to pay officials at sporting events, buses for transportation, uniforms, materials for use by clubs, etc. The cost is \$30 per school year and can be purchased through the Timbercrest online store at <https://schoolsales.nsd.org> or through the main office.

**Q: *What is the Electronics Policy?***

- Cell phones and other personal electronic devices are discouraged from being brought to school and may not be used at school during the school day. These devices are to be inaudible, put away and not visible (in students' hands) from the first bell / warning bell to the last bell / end of the school day bell. (ie: BELL to BELL)
- They are to remain out of sight during the school day while in and out of the classroom. Use of electronics (in hands or on desks) during the school day is not allowed. They are not allowed during passing periods, nutrition breaks, or at lunch. The only exception is when a teacher may choose to allow use of them for educational purposes in their classroom.
- Students who need to contact their parents have access to a phone in the main office. Parents should contact the main office if they need to communicate with their student during the day.

**Q: What do I need to do if my child is absent, late to school, or needs to leave early?**

- Report an absence (within 48 hours of absence.....complete one of the following)
  - call the Attendance line @ 425-408-6910
  - send an email to [tmsattendance@nsd.org](mailto:tmsattendance@nsd.org)
  - send a note in with students when they return to school.
- Request early dismissal or late arrival (complete one of the following)
  - Send a signed note with the student to bring to the Attendance desk. Students may then sign themselves in or out at the Attendance desk and meet parent/guardian in the parking lot or return to class.
  - Send an email to [tmsattendance@nsd.org](mailto:tmsattendance@nsd.org) with the requested dismissal time and then come into the office to sign the student out.
  - Call the Attendance line @425-408-6910 with the requested dismissal time and then come into the office to sign the student out.
- Pre-Arranged absences – students will miss more than 3 consecutive school days.
  - Student/Parent/Teachers complete Pre-Arranged Absence form (online or at Attendance desk) and return completed form to Attendance desk prior to scheduled absence.

**Q: If my child is absent, how can they request their homework?**

- Homework can be obtained by:
  - Checking teachers' Schoology page.
  - Emailing teachers
  - Contacting a fellow student from class
  - Upon returning to class, obtain assignments from teachers.

**Q: How can my child obtain a pass to ride another bus?**

- Students will receive their bus assignment from the Transportation Dept. in August.
- Students wishing to change their assigned bus or stop location, will need to complete and submit a "Request Bus Stop Change Form" which can be found on the NSD website under Transportation.
- No bus passes can be approved until the bus loads are determined and the Transportation Department has given approval (usually late October).
- To ride another bus on a particular day, students must request a pass. Many buses are full and do not accept bus passes. Most buses limit the number of extra riders. Bus pass requests are good for that day only.
- To obtain a bus pass, students must bring a note signed by their parent/guardian to the Main Office no later than 10:30 AM. **We cannot accept bus pass requests by phone or email.**
- The request must include:
  - First and last name of the student requesting the pass
  - Name of the student they will ride with
  - Stop location of the student they will ride with

- Bus number
- Signature of parent/guardian
- Students should pick up their bus pass from the main office at lunchtime.

***Q: If my child is transported to school by private vehicle, is there a particular location for drop off/pick up?***

- The front parking lot is used for all student arrival/departures.
- Please use the drop off/pick up line.
- Once in the drop off/pick up line, stay in tight formation and please keep moving.
- Do not use the second lane to drop off/pick up as this creates a safety concern for students crossing through the parking lot.
- If your son/daughter is not ready to be picked up, please park in the parking lot until they are ready to be picked up in the drop off/pick up lane.
- Do not pick up/drop off in the back or side entrance to the school.
- Please DO NOT park in the bus loading zone at any time.
- Please avoid parking on the street as this causes congestion and limits bus access.

***Q. What if I need to deliver an item or a message to my student?***

- Student deliveries are brought to the main office. We will notify your student that they have an item to pick up. Messages are delivered to your student's teacher to relay to your child.

***Q. What if my student needs to take medication during the school day?***

- State law mandates several requirements for medications to be administered at school. This applies to all medications including prescription/emergency and over-the-counter medications such as inhalers, Epipens and Ibuprofen. Requirements include:
  - Written authorization from a licensed health care provider including specific instructions.
  - Completed Medication Authorization form on file in the health room
  - If any medication adjustments in dosing or frequency are made, parents must notify the school nurse and a new order (Medication Authorization form) must be completed.
  - Advanced planning with the school nurse is needed for students who need access to medications during field trips, after school sports, clubs and activities where students may not have access to school stored medications in the health room after school hours.

***Q. Does Timbercrest offer any Clubs for students? Can you sign up for National Junior Honor Society?***

- Timbercrest has a number of clubs that meet regularly. Club offerings vary from year to year. The only requirement for participation is an ASB card. 2022-23 Clubs included: Dungeons and Dragons, Learn to Code, GSA, Robotics.



- National Junior Honor Society has very specific requirements students must meet to qualify. Please see the NJHS link on our Timbercrest website for detailed information and forms.

***Q. Can I visit during the school day?***

- We are a closed campus. Visits to classrooms during the school day must be pre-arranged with the classroom teacher and approved by an administrator. Volunteers must be cleared through Washington State Patrol. Volunteer information can be found on the district website: <https://www.nsd.org/get-involved/volunteer/become-a-volunteer>
- **ALL VISITORS MUST SIGN IN** (in the main office) and wear a Visitor badge while on campus.

***Q. What role can a parent play in supporting the entire school?***

- Join PTSA – The cost is \$15 per person.
  - At the beginning of the school year, we raise money through our one fundraiser, “Pass the Hat”, to support special school programs and classroom needs through grants.
  - We connect parents to the school through volunteering.
- Support the ASB fundraisers
- Volunteer – complete volunteer forms (on the NSD and TMS website). Volunteer clearance (Washington State Patrol background check) is good for two years.

***Q: What sports are offered at TMS?***

- Tennis, Soccer, Volleyball, Cross Country, Basketball, Wrestling, and Track.
- Sixth grade sports are non-cut and include: Basketball, Cross Country, Soccer, Track, Wrestling, Girls Volleyball. See website for schedules.

***Q: How do I register for sports?***

- To participate, all forms must be completed online at: <https://northshore-wa.finalforms.com/>
- Online registration process must be completed. The parent/guardian must complete their part online at Final Forms, and the student must log into their district email to complete the forms. *(Please note that incoming 6<sup>th</sup> graders will receive their final forms initial email mid-August).*
  - Turn in a current physical completed by your child’s physician to the office (physicals are good for 2 years).
  - Purchase an ASB card.
  - Pay Player fees.
  - Students must maintain academic eligibility during the entire season.
  - For assistance with registration contact Kristie Brower - [kbrower@nsd.org](mailto:kbrower@nsd.org).



## **Health/Fitness Uniform FAQs**

### **Q. What is the required dress code for Health Fitness?**

- With no exceptions, the following dress code is required of all Health/Fitness students.
  - A purchased Timbercrest uniform, or
  - Student provided charcoal gray T-shirt (no logos, no V-neck, no sleeveless) and black shorts with a minimum 7-inch inseam or black sweatpants. No logo on shorts or pants and no yoga pants. Student's name is required on the front or back of the T-shirt (first initial and last name – hand written is okay.)

*If it is cold outside, personal jackets and sweatshirts will be allowed for warmth/dry purposes.*

### **Q: Why dress code and uniform requirements for Health/Fitness?**

- The uniform brings a positive level of consistency to our department and our students. We currently have regulations on the dress code in our classes for fitness reasons, but with the streamline uniform requirements, we are confident the students will have an increased sense of equality, ownership, and community. This will create a more inclusive environment and support those that may otherwise be left out due to socioeconomic status, clothing choices, and/or lack of proper athletic clothing.

### **Q: How do I order the uniform?**

- Uniforms can be purchased at the main office at the beginning of the school year ( cash or check payable to TMS ASB) or online through Touchbase (schoolsales.nsd.org) The online store will open late August 2023. Purchased PE clothes will be passed out during PE class.

### **Q: How much does it cost?**

- |                       |                    |
|-----------------------|--------------------|
| • T-Shirt - \$7.00    | Shorts - \$9.00    |
| • Cinch Sack - \$5.00 | Full Set - \$20.00 |

### **Q: What if we can't afford the uniform or provide for the dress code requirements?**

- Scholarships are available. Please contact Brigitte Wheeler at [bwheeler@nsd.org](mailto:bwheeler@nsd.org)

# Class Registration

- **Progress Reports**

Mid-term progress reports and/or 6th grade quarter final grades are issued the middle of each semester and mailed to all students. The mid-term grade report is informational only. Parents/guardians and students can access grades through ParentVUE and StudentVUE on the Timbercrest website to monitor current class progress.

- **Report Cards**

Report cards are mailed home for 6<sup>th</sup> grade quarter final grades and for all grade levels at the end of each semester.

- **Potential Failure Notice**

Twice each semester, parents/guardian's will be notified via telephone and/or email if their student is at risk of failing a class.

- **Requirement**

A class you must take in order to meet sixth, seventh, or eighth grade requirements. Some students with IEP's (Individualized Education Plan) may have specially designed alternative core courses.

- **Elective**

A class selected based on need and interest. Elective classes are subject to change or deletions due to low registrations counts or changes in staffing. Students are required to list alternative elective choices. Alternate choices must be different than their preferred selected choices.

- **Prerequisite**

A class or requirement that must be met before you are eligible for a class, i.e. a prerequisite to Geometry is Algebra I.

- **Schedule Changes**

It is critical that the choices made by students during registration are considered to be final. Courses offered and staffing for the following year are based on the choices students make during the registration process. Schedule changes may be made on a limited basis for the following reasons:

- Incomplete schedule
- Duplicate classes, i.e. two math classes
- IEP/ELL placement
- Administrative withdrawal is requested
- Medical reasons

Semester course changes may be allowed within the first ten (10) days of a semester without penalty, but are subject to seat availability and administrative approval. Changes after the tenth day may be considered when extenuating circumstances exist. Schedule change requests must be submitted in writing from a parent/guardian, email is acceptable.

- **Summer School**

Summer school course(s) must be complete **prior to the beginning** of the following school year for students that choose to take a summer course to cover a prerequisite and advance to the next level of that course, i.e. Algebra I taken during the summer to advance to geometry.

# Course Descriptions

## ENGLISH

### **CHALLENGE ENGLISH/LANGUAGE ARTS 8**

*Course Length: Full Year*

Prior enrollment in Challenge E/LA 7 is not a prerequisite. This course builds upon previous learning of the Common Core State English/Language Arts (E/LA) Standards in 7th grade, prepares students for the Smarter Balanced State Assessments, and establishes the skills necessary for a successful progression of learning to the next grade level of E/LA course work.

The 8th grade E/LA SpringBoard curriculum develops reading, composition, and speaking skills. Eighth grade instructional materials center on the theme of Challenge. Using Advanced Placement (AP) strategies, students are taught to analyze complex fiction and nonfiction from a variety of genres, including a longer literary study of a class novel and a Shakespearean play. Eighth graders stretch their composition skills by responding to analytical writing prompts. Students actively participate in text-based class discussions and study vocabulary to enhance their writing, reading, and speaking skills. Each unit culminates in two comprehensive Embedded Assessments.

In addition to the 8th Grade English/Language Arts course description below, students taking this course must exhibit strong writing skills, have excellent reading comprehension, and be self-motivated in completing class work.

### **ENGLISH/LANGUAGE ARTS 8**

*Course Length – Full Year*

This course builds upon previous learning of the Common Core State English/Language Arts (E/LA) Standards, prepares students for the Smarter Balanced State Assessments, and establishes the skills necessary for a successful progression of learning to the next grade level of E/LA course work.

The 8th grade E/LA SpringBoard curriculum develops reading, composition, and speaking skills. Eighth grade instructional materials center on the theme of Challenge. Using Advanced Placement (AP) strategies, students are taught to analyze complex fiction and nonfiction from a variety of genres, including a longer literary study of a class novel and a Shakespearean play. Eighth graders stretch their composition skills by responding to analytical writing prompts. Students actively participate in text-based class discussions and study vocabulary to enhance their writing, reading, and speaking skills. Each unit culminates in two comprehensive Embedded Assessments.

### **ADVANCED ACADEMICS PROGRAM (AAP) ENGLISH/LANGUAGE ARTS 8**

*Course length: Full Year*

***Students must qualify for placement by participating in the Advanced Academics Program AAP)/Highly Capable English in 7th grade or through the NSD highly capable screening and testing process. This is not a self-select course; students will be individually scheduled for this course.***

This course builds upon previous learning of the Common Core State English/Language Arts (E/LA)

Standards, prepares students for the Smarter Balanced State Assessments, and establishes the skills necessary for a successful progression of learning for advanced level E/LA course work. The 8th grade E/LA SpringBoard curriculum extends the development of reading, composition, and speaking skills. Eighth grade instructional materials center on the theme of Challenge. Using Advanced Placement (AP) strategies, students are taught to analyze complex fiction and nonfiction from a variety of genres, including longer literary study of novels and a Shakespearean play, and includes a selection of novels students can choose for independent reading. The curriculum includes composition skills responding to analytical writing prompts. Students actively participate in text-based class discussions and study vocabulary to enhance their writing, reading, and speaking skills. Each unit culminates in two comprehensive Embedded Assessments.

## **SOCIAL STUDIES**

### **CHALLENGE UNITED STATES HISTORY 8**

*Course length: Full Year*

Prior enrollment in Challenge Social Studies 7-Washington State History is not required. Eighth Grade US History is a yearlong course covering the history of the United States from pre-exploration to 1877. Major units of study include: Colonial Era, Revolution, Constitution and the early nation, the Westward Movement, the Civil War, and Reconstruction. Historical topics are explored through the use of primary documents, scholarly readings, experiential exercises and simulations while fostering citizenship and democratic ideals. Eighth graders will complete the eighth grade social studies Classroom Based Assessment (CBA) in the spring. This course addresses the Common Core State Standards for History, prepares the students for the Smarter Balanced State Assessments, and establishes the skills necessary for a successful progression of learning to the next grade level of Social Studies coursework.

In addition to the description above, the Challenge U.S. History course requires participation in at least one major project that requires outside research and work time. As a result, this course may move at a faster pace. Eighth graders also complete the eighth grade Social Studies Classroom Based Assessment (CBA) in the spring. This course requires a high-level of reading, writing, listening, discussing and critical thinking skills. Students must have strengths in these skills and be self-motivated to meet the high expectations of this class.

### **UNITED STATES HISTORY 8**

*Course length: Full Year*

Eighth grade US History is a yearlong course covering the history of the United States from pre-exploration to 1877. Major units of study include: Colonial Era, Revolution, Constitution and the early nation, the Westward Movement, the Civil War, and Reconstruction. Historical topics are explored through the use of primary documents, scholarly readings, experiential exercises and simulations while fostering citizenship and democratic ideals. Eighth graders will complete the eighth grade social studies Classroom Based Assessment (CBA) in the spring. This course addresses the Common Core State Standards for History, prepares the students for the Smarter Balanced State Assessments, and establishes the skills necessary for a successful progression of learning to the next grade level of Social Studies coursework.

## ADVANCED ACADEMICS PROGRAM (AAP) UNITED STATES HISTORY 8

*Course length: Full Year*

***Note: Students must qualify for placement by participating in the Advanced Academics Program (AAP)/Highly Capable Washington State History/World Geography in 7th grade or through a highly capable screening and testing process. This is not a self-select course; students will be individually scheduled for this course.***

This course requires participation in at least one major performance based project that will require outside research and work time. This course requires high-level reading, writing, and listening, discussing and critical thinking skills. Students must be self-motivated to meet the high expectations of this class. One classroom-based assessment will be administered in the spring. Northshore School District social studies courses incorporate Common Core State Standards in writing and reading for history. The current project is National History Day (“NHD”). NHD is a rigorous and challenging research project that requires students a minimum of 50 hours independent work outside of the classroom. Historical topics are explored through multiple textbooks and supplementary readings, including speeches, short stories and documents. The frequent use of great documents and speeches fosters citizenship and democratic ideals. Students complete the eighth grade Social Studies Classroom Based Assessment (CBA) in the spring.

## MATHEMATICS

### PRE-ALGEBRA 2

*Length: Full Year*

*Equipment: A scientific calculator is required. The Texas Instrument TI-83 or TI-84 family of graphing calculators may be used.*

In Pre-Algebra 2, students build on their knowledge of numbers as they explore five critical areas of mathematics. Ratios and Proportional Reasoning: developing understanding of and applying proportional relationships; Expressions and Equations: formulating and reasoning about expressions and equations, including modeling an association in bivariate data with a linear equation, and solving linear equations and systems of linear equations; Functions: grasping the concept of a function and using functions to describe quantitative relationships; Geometry: solving problems involving scale drawings and informal geometric constructions, analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying the Pythagorean Theorem. Statistics and Probability: drawing inferences about populations based on samples.

**ALGEBRA 1**

*Prerequisite: Completion of Holt Course 3 OR 7<sup>th</sup> Grade Challenge Math OR Completion of an 8<sup>th</sup> Grade Accelerated Summer Math Course. Students considering this option should contact their school counselor. OR Completion of an 7th Grade Challenge Summer Math Course. Students considering this option should contact their school counselor. OR Qualifying score on Algebra Readiness Assessments*

*Length/Credit: Full Year/1 Credit*

*Equipment: A scientific calculator is required. The Texas Instrument TI-83 or TI-84 family of graphing calculators is strongly recommended.*

This course expands on the students' understanding of using arithmetic operations and properties to include the symbolic language of algebra. Students will formalize their understanding of functions with a focus on linear functions, exponential functions and quadratic functions. Other topics that will be studied are writing equations to model linear equations, solving systems of linear equations and inequalities, solving quadratic equations with real roots, exponent laws and properties, arithmetic and geometric sequences, patterns of association in bivariate data, and the Pythagorean Theorem. Students will continue to develop problem solving, reasoning and proof, communication, and mathematical modeling skills aligned to the Standards for Mathematical Practice.

**GEOMETRY**

*Prerequisite: Algebra 1*

*Length/Credit: Full Year/1 Credit*

*Equipment: A scientific calculator is required. The Texas Instrument TI-83 or TI-84 family of graphing calculators is strongly recommended.*

This course is the second math course in the high school math sequence, following Algebra 1, and addresses the Common Core State Standards for high school mathematics. Students will formalize their reasoning skills to write proofs built on definitions, axioms, and theorems. Students will study parallel and perpendicular lines, triangle properties, quadrilateral properties, and properties of other polygons and circles. Other topics that will be studied are similar and congruent figures, right triangle trigonometry, coordinate geometry, geometric transformations, area, surface area and volume of three-dimensional figures. Students will continue to develop problem solving, reasoning and proof, communication, and mathematical modeling skills aligned to the Standards for Mathematical Practice.

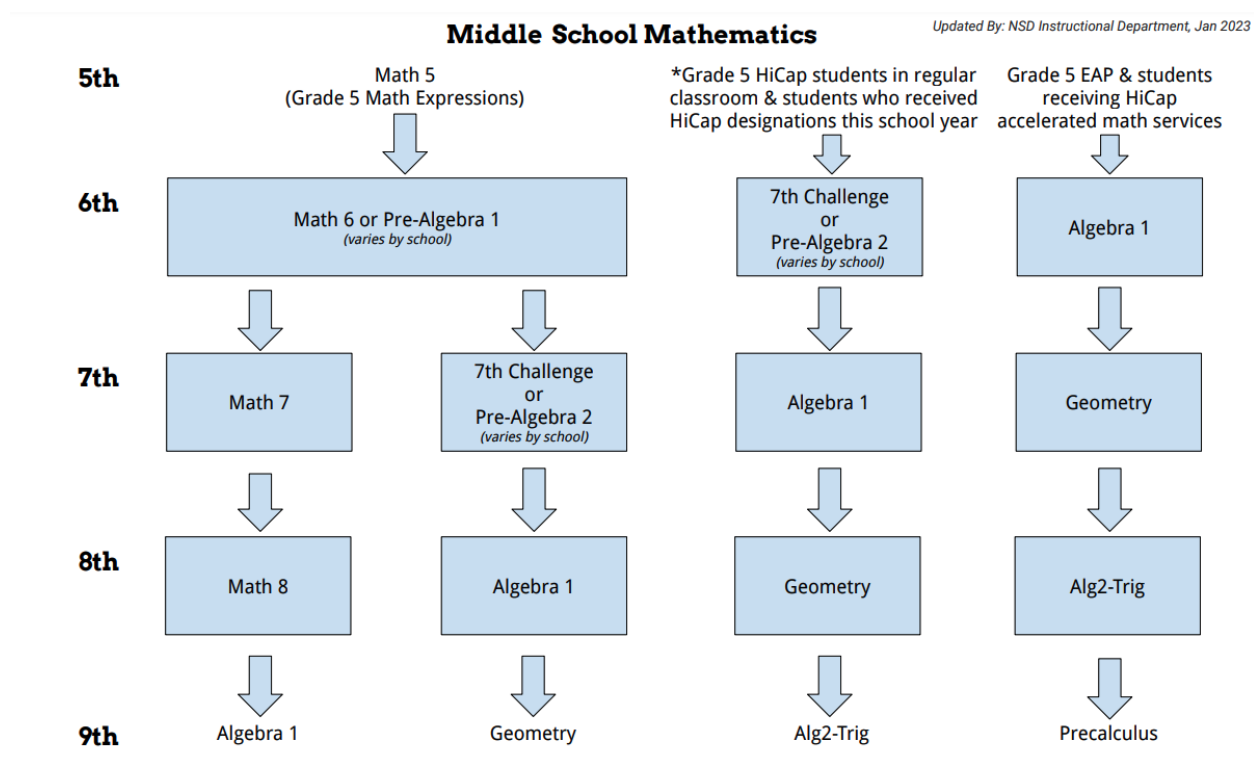
**ALGEBRA II - TRIGONOMETRY**

*Prerequisite: Completion of Geometry*

*Length/Credit: Full Year/1 Credit*

*Equipment: A scientific calculator is required. The Texas Instrument TI-83 or TI-84 family of graphing calculators is strongly recommended.*

Diploma Category: M3 (M1) Students need to be highly self-motivated, as this course is designed for a student preparing to complete AP Prep/IB/College in the High School Precalculus Course. Students will expand their understanding of number systems to include complex numbers and will grow more proficient in their use of algebraic techniques. This course focuses on the study of functions: linear, quadratic, exponential, logarithmic, square root, cubic, and those involving inverse variation. Students will study periodic and trigonometric functions. Other topics that will be studied are combinations and permutations, probability, binomial theorem, measures of variability, and geometric and arithmetic sequences and series.





# SCIENCE

## CHALLENGE INTEGRATED SCIENCE 8

*Course length: Full Year*

This course is based on the Next Generation Science Standards (Washington State Student Learning Standards) performance expectations for middle school science. Students will engage in science and engineering practices as they learn about disciplinary core ideas across three critical strands—physical science, life science, and earth/space science. Specific units of study will include genes and molecular machines, space system explorations, and energy, force and motion. Students will incorporate cross-cutting concepts (e.g. structure and function, cause-effect, stability and change, etc.) that support scientific understanding and are applicable across science investigations and labs. In addition to the course description above, students taking this course must exhibit strong mathematical, verbal, and writing ability, and be self-motivated in completing class work. The Challenge Integrated Science 8 class may move at a faster pace, increase in level of complexity, and include work to be completed independently by the student.

## INTEGRATED SCIENCE 8

*Course length: Full Year*

This course is based on the Next Generation Science Standards (Washington State Student Learning Standards) performance expectations for middle school science. Students will engage in science and engineering practices as they learn about disciplinary core ideas across three critical strands—physical science, life science, and earth/space science. Specific units of study will include genes and molecular machines, space system explorations, and energy, force and motion. Students will incorporate cross-cutting concepts (e.g. structure and function, cause-effect, stability and change, etc.) that support scientific understanding and are applicable across science investigations and labs.

## ADVANCED ACADEMICS PROGRAM (AAP) INTEGRATED SCIENCE 8

*Course length: Full Year*

***Students must qualify for placement by participating in the EAP program in elementary school or through a highly capable application and testing program, which is initiated in the fall by the District. This is not a self-select course; students will be individually scheduled for this course.***

This course is intended for students who demonstrate an outstanding aptitude and interest in science and exhibit strong mathematical, verbal and writing ability. Students will be expected to read complex texts, and must be self-motivated and committed to investing time outside of the classroom studies.

Based on the Next Generation Science Standards (Washington State Student Learning Standards) performance expectations for middle school science, students will engage in science and engineering practices as they learn about disciplinary core ideas across three critical strands—physical science, life science, and earth/space science. Science units will include genes and molecular machines, space system explorations, and energy, force and motion. Students will incorporate cross-cutting concepts (e.g. structure and function, cause-effect, stability and change, etc.) that support scientific understanding and are applicable across science investigations and labs.

Students will engage in the same content area as 8<sup>th</sup> Grade Integrated Science with enrichment and a deeper level of complexity. Students should have the desire to continue with academically advanced science courses.

## HEALTH AND FITNESS

*All of Timbercrest Middle School Health/Fitness classes require a PE uniform. A purchased Health/Fitness uniform, which is optional, is available for purchase. Costs are as follows: if purchased separately - \$7.00 T-shirt, \$9.00 short, or \$20.00 – Full set or student provided charcoal gray crew neck T-shirt, black shorts (minimum 7 inch inseam). No logo allowed on T-shirts or shorts. Athletic shoes provided by students.*

### **HEALTH FITNESS 8**

*Course length: One Semester - Required*

**GOALS:** Health Fitness is a required semester class focusing on the concepts of health and fitness and how they relate to a teenager for a healthy lifestyle. Emphasis of this course is on the need for physical activity, healthy lifestyle habits, Tobacco, drugs, alcohol use/abuse, Growth and Development, and healthy decision making. Students will be in the classroom and several activity-based settings. Warm ups and cardiorespiratory activities will be provided on a daily basis. Sports/activities vary depending on season, weather, and availability of indoor/outdoor classrooms.

**SKILLS:** Critical thinking and problem solving for a healthy lifestyle, continued development of physical and social skills for lifetime participation in a variety of sports, fitness, and rhythmic activities. Knowledge and application of rules for various individual sports, team sports, and cardio-respiratory monitoring activities.

**ASSIGNMENTS:** Daily participation allowing for assessment in various skill, fitness, rhythmic, sport performance, and classroom-based activities. Includes written assignments, projects, tests, homework, etc. Students will be required to complete various assessments demonstrating personal fitness performance and skill comprehension.

## ELECTIVES

### **ART 7/8**

*Course Length: Semester*

Students will work with clay, draw, paint, use pastels, pen and ink, and other materials to create masterpieces. This is a non-threatening atmosphere where students will learn skills to develop their imagination and creativity. This class is for you, whether your expertise is in drawing stick figures and finger painting, a lover of cartoon drawing, or someone with serious art skills who wants to fine-tune them. Students will create foil masks, clay creations, pencil sketches, watercolor and acrylic paintings, calligraphy quotes, cubism studies, and more. Students will leave class with a portfolio of masterpieces. This class may be repeated.

## **ADVANCED ART**

*Course Length: One Semester or Full Year*

*Prerequisite: One semester ART 7/8.*

To further develop art skills learned in Introduction to Art 7/8. Students will learn how various artists; cultures and art movements have used design and space. Students will experiment with different mediums such as pencil, charcoal, pastels, watercolor, tempera, clay, acrylic, and wire. Students will complete portrait drawings and paintings, wire sculpture, clay projects, block prints, art clocks, Multi-Cultural projects, perspective, drawings, and mosaic. Some students will be selected to work on public murals. Students will leave class with a portfolio of masterpieces. Students in 7th grade may sign up for advanced art for second semester.

## **YEARBOOK**

*Course Length: One Semester*

Students will have a chance to be part of the production of the Timbercrest Middle School yearbook. Students will take photographs and develop pages for the yearbook. They will also work on the theme and create art for the yearbook. This course will cover photography, graphic design, page layout and copywriting, editing and computer skills.

*Along with Yearbook, students will also explore and cultivate their art skills. Students will do some drawing and painting during down times when we are not producing the yearbook. The art is for artists as well as students who feel they don't have a great deal of experience in art.*

## **DRAMA 7/8**

*Course Length: Semester*

Students will develop communication skills, public speaking, and be provided a basic introduction to drama and theater. Students will be introduced to improvisation, scene work, character related writing, and Shakespeare. The course is divided into five units with a culminating project for each: Improvisation, open scenes, character analysis, duo scenes, and Shakespeare.

Note: This course cannot be repeated within the same school year.

## **ADVANCED DRAMA**

*Grades – 7,8*

*Course Length: Semester*

*Prerequisite: One semester Drama 7/8.*

This course is designed to further develop communication skills, and public speaking through drama and theater. Students will expand their work and continue to master skills within categories of improvisation, pantomime, character analysis, scene and monologue work, along with a basic study of Theatre History and an introduction to Commedia Dell'arte.

Note: This course cannot be repeated within the same school year.

## **CHOIR**

*Course Length: Full Year*

ASB Card fee

This class is for students who enjoy singing and want to develop skills in music reading, singing, performance, and general music knowledge. Students will rehearse, study, and perform music from various styles, languages, and time periods. The TMS choir performs at three evening concerts as

well as school assemblies and festivals outside of the school. Performances are a requirement of the class and part of the student's academic grade. Grades are based upon rehearsal technique, progress in music skills, class work, periodic tests, and performance attendance.

## **SYMPHONIC BAND**

*Course Length: Full Year*

ASB Card Fee

Grading based on: Home practice, section rehearsals, periodic tests and performance attendance. Most students have between 1-4 years experience playing a musical instrument. Students in the Symphonic Band have attained considerable facility on their instrument and wish to apply themselves to suitable music. Students will build upon their knowledge of music concepts, vocabulary, skills and techniques as it relates to their specific instrument and their role within the large performing ensemble. This band performs at three evening concerts, assemblies, neighboring schools, music festivals and other community events. Performances are a requirement of the class and part of the student's academic grade.

## **ORCHESTRA**

*Course Length: Full Year*

ASB Card Fee

Grading based on: Home practice, section rehearsals, periodic tests and performance attendance. This class is designed for seventh and eighth grade students interested in playing violin, viola, cello, or bass in a large ensemble. Most students have between 1-4 years experience playing a music instrument. Students will build upon their knowledge of music concepts, vocabulary, skills and techniques as it relates to their specific instrument and their role within the large performing ensemble. Orchestra students will participate in a variety of required performances throughout the year, including three evening concerts, district music festivals, school assemblies, and community events. Performances are a requirement of the class and part of the student's academic grade.

## **COMPUTER SCIENCE 1**

*Course Length: One Semester*

Want to become the next Bill Gates, next big video game designer or create a code that will save the world? Or maybe you just really like puzzles? This is the course you're looking for! Students will learn how to code using the Python Coding language to create games, animations and programs. No prior computer programming experience necessary. This course applies to all who are curious about programming.

## **COMPUTER SCIENCE 2**

*Course Length: One Semester*

*Prerequisite: Computer Science 1 or Learn to Code Club*

This course is a continuation in the middle school computer science pathway. Students will utilize previous computer science knowledge from the Computer Science 1 course to expand their learning in technology software and hardware products and using the Python Coding language, will develop more complex games, animations and programs.

## **COMPUTER SCIENCE 3**

*Course Length: One Semester*

*Prerequisite: Computer Science 1 and Computer Science 2*

This course is a continuation in the middle school computer science pathway. This course expands students' ability to create complex interactive programs and games. Students will learn about the dictionary data type, as well as exploring new asset types such as fonts, sounds, and file types that allow students to store and retrieve information outside their program. Students completing this course will be able to create polished games and large scale programs that use a wide variety of complex assets.

## **FOUNDATIONS OF COMPUTER AIDED DRAFTING/DESIGN (CAD)**

*Course Length: One Semester*

Students will learn Rhinoceros 6, a computer aided drafting/design program, develop 2D and 3D basic computer drafting and modeling skills. Students will develop problem solving skills while utilizing output devices like laser cutters, 3D printers and vinyl cutters. You will get to take your creations home for all to see! *Note: This course may be repeated.*

## **EXPLORING TECHNOLOGY EDUCATION I (7/8)**

*Course Length: One Semester*

The ultimate makerspace class, centered around **STEM** (Science, Technology, Engineering and Mathematics). This hands-on, project-based class will teach students how to use a variety of tools and power equipment through the creation of various projects. Projects range from traditional woodworking to modern technology such as, computer-aided design (CAD), and computer-controlled manufacturing (CNC). Students will gain an understanding of safe shop practices while learning the Engineering Design Process. *Note: See Exploring Technology II if students wish to repeat.*

## **EXPLORING TECHNOLOGY EDUCATION II (7/8)**

*Course Length: One Semester (This course may be repeated)*

The ultimate makerspace class (continued) around **STEM** (Science, Technology, Engineering and Mathematics). A continuation of *Exploring Technology I*, with different hands-on projects, constructed using a variety of materials. Units of study include energy & power with the use of LEDs, gear mechanisms, CNC manufacturing, 3D modeling and much more. Students will learn and demonstrate safe production practices using tools and power equipment.

## **ROBOTICS FOUNDATIONS I**

*Course Length: One Semester*

This semester course students will build and program a LEGO Mindstorm EV3 Robot to simulate real-world robots. Learn how to use light, sound, touch, and ultrasonic sensors to control the robots movement while utilizing block codes. Complete a maze, race your classmates, or avoid trees in an orchard! Flowchart the robots desired movements to aid in programming and robot design. Learn and follow the engineering process to develop innovative robotic solutions, and maintain a portfolio of work for reference. *Note: This course may be repeated*

## ROBOTICS II

*Course Length: One Semester*

This semester course, students will build and program a LEGO Mindstorm EV3 Robot for various design challenges. Block code the robots to aid in programming to meet specific project requirements. Applications from Robotics 1 will be used to modify the robot from the standard Rover design to create custom robots that look and act like animals, dance to a song, explore a new planet, and even read a book! *Notes: Robotics I is NOT required before taking Robotics II. This course may be repeated.*

## LEADERSHIP

*Course Length: One Semester*

*Note: This course may be repeated.*

Are you interested in developing leadership skills and qualities? Are you interested in becoming involved in school leadership activities and creating positive student leadership as an upperclassman? In this course, students will learn and develop introductory leadership skills including project planning, organizational skills, verbal and non-verbal communication skills, group dynamics, public speaking and goal setting. Students will build a sense of belonging through learning that affirms their identities and honors that of the people around them. Students will participate in planning assemblies, school activities and related local and global service projects, as well as supporting student civic action through engagement in community partnerships; and providing students with ways to use their voice to positively influence change in their schools, communities, and the world around them. This course is based on the leadership skills and virtues taught in the curriculum *Character Strong* and incorporates content from *WE Schools*.

## PEER COACH

*Course Length: One Semester*

*Pass/Fail grade*

*Prerequisite: Teacher Permission.*

This class provides students the opportunity to work and interact with individuals with disabilities. Students will coach special education students with moderate to severe disabilities in the classroom and be a positive and supportive role model. Students will be given specific training in instructional methods for students with disabilities within special education and mainstream settings.

## SPANISH 100

*High School Flex/Elective Credit (Optional for 8th grade students)*

*Course Length: Full Year*

This high school level course is an introduction to the basics of Spanish language and culture. Students will engage in a variety of activities ranging from speaking and conversation, listening, reading, and writing to songs, skits, and movement-designed instruction. The year-end goal for students is to have gained a working vocabulary and grammar basis to facilitate communication in the Spanish language. This course will include daily assignments, activities, and quizzes and tests, including semester finals.



## SCHOOL ASSISTANTS

Course Length: One Semester

Pass/Fail grade

Students will be assigned to a position in the library, main office, or within a department to work with several teachers. (i.e. English Department.) Students will learn office, classroom or library procedures. Students are expected to be responsible, courteous, helpful, and have good attendance. Students will alphabetize, file, record information and deliver messages. In addition, students assigned to the library will learn to use the circulation desk, databases, how to assist students, as well as complete assignments (bulletin boards and other tasks) that support the library program.

## ELECTIVES - PHYSICAL FITNESS

Do you ever feel the need to get up and move? Why not break up your day with a little social time and some physical activity? This class is designed for students who enjoy playing games! We are offering a semester or specialized Team Sports, All Sports PE, Racket Sports, and Yoga/Walk Fit. Come play with us and your friends!



### PHYSICAL EDUCATION GRADES 7/8– ALL SPORTS

Course Length: One Semester (This course is repeatable at anytime)

**SKILLS:** The course is designed to offer students the opportunity to participate in a wide variety of activities including: basketball, pickleball, soccer, floor hockey, handball, flag football, softball, ultimate frisbee, volleyball, badminton, bad ball, awesome ball, square dancing, capture the football, pin guard, scooters, handball, mat games and ping pong. Students will gain lifelong fitness experiences, develop friendships, and maybe spark an interest in a lifelong activity they may not have seen before. Students will engage in general PE warm-up and circuit exercises.

**ASSIGNMENTS:** Daily activities, fitness activities, and development of tournament brackets. **SUPPLIES:** All Timbercrest Middle School Health/Fitness classes require the use of a uniform. Purchased Health/Fitness uniform optional or student provided charcoal gray crew neck-shirt, black short (minimum 7-inch seam) or black sweatpants. Athletic shoes provided by student.

### PHYSICAL EDUCATION 7/8 - RACQUET SPORTS

Course Length: One Semester (This course is repeatable at anytime)

**SKILLS:** This course is an advanced introduction to racquet sports with an emphasis on basic skills, rules, and strategies for badminton, pickleball, bad ball, tennis, soft tennis, and table tennis.



Class will engage in in depth skill work and set up/play several tournaments. This course will offer a more in-depth racket experience not offered in the regular PE class. Students will engage in general PE warm-up and circuit exercises.

ASSIGNMENTS: Daily activities, fitness activities and development of tournament brackets.

SUPPLIES: All Timbercrest Middle School Health/Fitness classes require the use of a PE uniform.

Purchased Health/Fitness uniform optional or student provided charcoal gray crew neck t-shirt, black short (minimum 7-inch seam) or black sweatpants. Athletic shoes provided by students.

## **PHYSICAL EDUCATION 7/8 - TEAM SPORTS**

Course Length: One Semester (This course is repeatable at anytime)

SKILLS: This course is designed to offer students the opportunity to participate in a wide variety of team-oriented sports. Activities include basketball, soccer, floor hockey, flag football, softball, ultimate frisbee, volleyball, badminton, bad ball, awesome ball and capture the football. Students will increase their game planning and strategy techniques through this course. This course will offer a more in-depth experience not offered in the regular PE class. Curriculum will vary upon the time of year the class is offered and availability of the facilities. Students will engage in general PE warm-up and circuit exercises.

ASSIGNMENTS: Daily activities, fitness activities and development of tournament brackets.

SUPPLIES: All Timbercrest Middle School Health/Fitness classes require the use of a PE uniform.

Purchased Health/Fitness uniform optional or student provided charcoal gray crew neck t-shirt, black short (minimum 7-inch seam) or black sweatpants. Athletic shoes provided by students.

## **PHYSICAL EDUCATION 7/8 – WALK FIT/YOGA**

Course Length: Semester (This course is repeatable at anytime)

This course will provide students with an introduction to several different Yoga practices and general Walk Fit education. They will be provided with opportunity to meet standards of rhythm, dance, and lifelong fitness, health fitness components of muscular strength/endurance, and sustained cardiovascular fitness. Students will use a pedometer to log steps for Walk Fit on a biweekly basis. Students will engage in general PE warm-up and circuit exercises. .

ASSIGNMENTS: Daily Yoga/Walk Fit activities, fitness activities and development of personal yoga Portfolio. There are several written assignments, quizzes, and a final assessment in this course.

SUPPLIES: All Timbercrest Middle School Health/Fitness classes require the use of a PE uniform.

Purchased Health/Fitness uniform optional or student provided charcoal gray crew neck t-shirt, black short (minimum 7-inch seam) or black sweatpants. Athletic shoes provided by students. Students enrolled in this course will need to have sweats and a sweatshirt for walk days during inclement weather. Rain coat is optional.