

Pre-Flight Math



Course Description

Pre-Flight Math will prepare students for any future mathematical study by providing students with a broad-based curriculum in many different areas of study. A strong emphasis is placed on reading and writing mathematical expressions and equations, numbers and operations, measurement, algebra, geometry and data and probability.

Course Objectives

By the end of this course, WMAA students will have experience in the following topics:

- Variables, Expressions, and Integers
- Solving Equations
- Multi-Step Equations and Inequalities
- Factors, Fractions, and Exponents
- Rational Numbers and Equations
- Ratio, Proportion, and Probability
- Percents
- Linear Functions
- Real Numbers and Right Triangles
- Measurement, Area, and Volume
- Data Analysis and Probability
- Angle Relationships and Transformations

Textbooks

Pre-Flight Math will be using the following textbook:

Holt McDougal Larson: Pre-Algebra

WMAA will only have a classroom set of this textbook. If a student would like, they can check out a textbook through Mrs. Walker.

Grades

A percentage system is used to calculate your grade for Pre-Flight Math. Listed below are the different ways you will be assessed throughout each semester.

Chapter Tests – Tests will be given at the end of most chapters, and may include vocabulary, short answer, multiple choice, and algebraic reasoning.

Quizzes – Quizzes will be given periodically throughout the semester, and may include vocabulary, short answer, multiple choice, and algebraic reasoning.

Projects – At least one project will be assigned during the year. Students will be given ample advance warning, clear and concise directions and time both in and out of the classroom to work.

Writings – At least one writing assignment will be assigned during the year. Students will be given ample advance warning, clear and concise directions and time both in and out of classroom to work.

Homework Assignments – Homework will be assigned when a sufficient amount of material has been covered. Homework is a necessary step in the process to mastery and success is not guaranteed without quality, independent practice on the students’ part. Homework will be collected for a grade. It is expected students complete homework when it is assigned.

Chapter tests, projects, and papers will comprise 75% of your coursework grade. Quizzes, and homework assignments will comprise the other 25% of your coursework grade. Both of those grades will then be combined and will count for 80% of your semester grade. The semester exam will count for the final 20% of your semester grade. Please contact Mr. Brassler if you have any questions regarding this structure.

The final semester grade will be used in determining a student’s grade point average (GPA).

West Michigan Aviation Academy Grading Scale		
Letter Grade	Percentage	Grade Point
A	95-100%	4.0
A-	90-94%	3.7
B+	87-89%	3.3
B	83-86%	3.0
B-	80-82%	2.7
C+	77-79%	2.3
C	73-76%	2.0
C-	70-72%	1.7
F	0-69%	0.0
INC	Incomplete Coursework	N/A

Coursework

Communication will occur frequently between teachers, students, and their families to determine an action plan for missing work.

- *If an assessment is not turned in on time, a zero will be used as a placeholder until the assessment is submitted or the unit has ended. This zero will be accompanied in the grade book with a “missing” marker so that the reason for the zero is evident.*
- Late homework may be completed for up to 80% of the original credit.
- *After a chapter has been completed, no late work will be accepted for that chapter.*

Character

Additionally, students will be evaluated on their character choices for each course. The character evaluation will reflect student mastery of WMAA’s critical character expectations: be respectful, be responsible and do your personal best.

3 – Exceeding Expectations

2 – Meeting Expectations

1 – Currently Not Meeting Expectations

Gradebook – Available Online

Powerschool: <http://ps.westmichiganaviation.org/public/>

Necessary Materials

1. A folder or three-ring binder to hold any notes, handouts or assignments.
2. Pen or pencil
3. Basic calculator

Attendance and Tardies

Absence: It is very important to be in class, as each day's content builds on the previous day's work. When absent, it is the student's responsibility to get all missed work and set up a time to meet with Mrs. Walker if necessary in order to clear up any confusion. For each day of class missed, students are allowed one day to make up the missed work. All work turned in late must be accompanied by a note explaining why it is late (so that I know that it is late due to absence). Any time a student misses class, it is encouraged that they check the course website to see what was done in class that day so that they are aware of what will need to be done to catch up.

Tardiness: All students are expected to be in their assigned classroom seat before the final bell sounds. Any student that comes to class after the bell, but within the first 10 minutes of class will be marked tardy for that class period. Any student arrives more than 10 minutes late to a class will be considered absent for that class period. Habitual tardiness will be dealt with between the teacher, the student, and his or her family. If the problem persists, further conversations will occur between Mr. Fisher, the student, and his or her family to determine a plan of action to correct the behavior.

Academic Dishonesty: Academic dishonesty including, but not limited to, cheating and plagiarism will result in the student receiving no credit for the assessment. Restoration will be at teacher discretion.

Academic Integrity

We should each strive to live lives full of honesty and integrity. Others have worked hard for the material they create. All work in and out of class should be your own, and, when necessary, sources should be cited. Anyone involved in cheating or plagiarism will redo the assignment, and other appropriate actions will be determined at the time of the offense.

1st Offense = Verbal Warning and Redo of the assignment. Communication Home.

2nd Offense = Referral to Mr. Fisher and Redo of the assignment. Communication home.

Welcome to Pre-Flight Math

General Daily Routine:

1. Spend 5-10 minutes reviewing previous days lesson.
2. Listen, take notes, and ask questions during the new lesson.
3. Remaining time will be used to work on in class practice problems that will be due at the end of each hour.

Note: There may be a day we do an activity, but it will be announced in advanced.

How to know what we will be doing in class:

- I will have the weekly schedule on the board.
- My class website has a calendar that states what lesson was taught for the day.

I'll Count On You To:

1. Be in the room when the bell rings or you will be marked tardy.
2. Be ready with questions on prior days lesson.
3. The responsibility of learning the material is yours...be prepared...ask questions...take notes...
4. Attendance is critical. When you miss a class it is YOUR responsibility to obtain the assignments and make up the reading and work missed.
5. Be **POSITIVE!!** I know this is really difficult material, but if you keep a positive attitude it will be easier to learn.

Homework Policy:

- You will be given the opportunity to practice the content learned in class through worksheets, book problems, and activities.
- I will grade you on your understanding of the material through these practice problems and/or activities on a regular basis.
- Each homework assignment will be worth 3-5 points and will be due daily.

Quiz/Test Policy:

- There will only be **RETAKES ON TESTS**:
 - The retake must be done outside of class
 - You will be required to complete an extra practice assignment.
 - The Retake: you must redo the problems you lost points on from the original test
 - The score from the retake will replace your original score.
- You will only be given **4 Retakes** for the semester.

Extra Help:

- My classroom (Room 201) before or after school by appointment or email.
- How to schedule an appointment with Mrs. Walker:
 - Go to my website: mrswalkerwmaa.weebly.com
 - Click on the button "Make Appointment with Mrs. Walker"
 - Click on the time/day that works for you

Count on me to:

- Put forth my best effort to provide you with instruction that allows you to learn and master the objective.
- Treat ALL students with respect.
- Have a positive attitude.
- Do my best to teach all learners.

Classroom website:

- I will post assignments, blank copies of notes, and any extra resources to the website. www.mrswalkerwmaa.weebly.com

There are several ways to contact me if you need help or to let me know of any concerns.

My email is ewalker@westmichiganaviation.org

My school phone is 616.446.8886 ext. 130

My website is www.mrswalkerwmaa.weebly.com

Pre-Flight Parent Information (for parents to keep)

My name is Elizabeth Walker and I will be your student's teacher in Pre-Flight this year. This is my fifth-year teaching at West Michigan Aviation Academy. I earned my undergraduate degree from Central Michigan University in December of 2014. I grew up on the east side of the state, but now live with my husband, two sons, and two dogs in Wyoming. Working with students and teaching math is my passion. I am very excited to get to know and work with your student this year!

There are a couple of ways to contact me if you need help or to let me know of any concerns.

My school phone is 616.446.8886 ext.130. My email is ewalker@westmichiganaviation.org
You can also view any information your student accesses via my website at www.mrswalkerwmaa.weebly.com

Options for Help:

During school hours: Questions/Homework time in class. (Students will be given about 20 minutes of work time every day)

Before/After school hours:

- I arrive by 7:30am and I leave at 4:00pm every day.
- If your student wishes to meet with me, I ask they either make an appointment or email me.
 - Email: ewalker@westmichiganaviation.org
 - Making an Appointment:
 - Go to my website: mrswalkerwmaa.weebly.com
 - Click on "Make Appointment with Mrs. Walker" button
 - Click on the day/time that works for your student in my google calendar.
- Students can contact me with questions via e-mail and I will get back to them as soon as I can. I encourage students to contact each other or stop in to see me with questions when they have them so that we can obtain a complete understanding of the material prior to moving on to the new material.

To be completed by parent/guardian: (return with student by Monday)

Student Name: _____

Parent/Guardian Name: _____

Mrs. Elizabeth Walker,

I have read the student syllabus for Pre-Flight

_____ I have no questions at this time about the class.

_____ I have questions at this time about the class.
Please contact me about the following:

I have read through the parent information sheet.

_____ I have no questions at this time

_____ I have questions at this time.
Please contact me about the following:

Parent/Guardian signature _____

Email address _____

Phone number _____

Best time(s) for contact: _____