# WEICOME 2023

# to Monty Tech's Freshman Acceptance Night





#### Montachusett Regional Vocational Technical School

Montachusett Reg. Vocational Technical School 1050 Westminster Street Fitchburg, Massachusetts 01420-4696

978-345-9200 (Fitchburg Calling Area) 978-632-8889 (Gardner Calling Area)

## Freshmen Acceptance Night June 6, 2019 6:00pm

- Tom Browne, Principal Welcome, introductions and "Celebrating Vocational Education at Monty Tech"
- > <u>Dr. Sheila Harrity, Superintendent</u> Welcome to Monty Tech!
- Christine Leamy, Dean of Admissions Transition from Admissions to Guidance
- Victoria Zarozinski, Director of Student Support Services Student schedules, Freshman Orientation, IEPs, Guidance Counselors
- > **Dayana Carlson, Assistant Principal** 504s and Medical Form Reminder
- Jim Hachey, Director of Vocational Programs Freshman Exploratory and Co-op
- Christina Favreau, Director of Academic Programs Academic expectations & course assignments
  - o Summer Reading
  - o Brent Hager, Math Liaison Summer Math Assignments
  - o Audra Marini, Title 1 Math Teacher Math Support
- ➤ "Get Involved" video club tables in PAC lobby info after meeting
- > 1st Sgt. Paul Jornet and 1st Sgt. Shane Dillon MCJROTC Instructors
- > SkillsUSA
- "Bulldog Athletics!" video
- ➤ Dave Reid, Athletic Director Physicals, Conditioning, Fall Tryouts info
  - **Coaches** tables in PAC Lobby pick up info after meeting
- > <u>Adjourn</u> Monty Tech Administrators and Faculty available for questions

#### 2019-2020 CALENDAR - (shaded cell = no school) (split cell \= half day) - FINAL - 5/15/19

19,20 New Teacher Orientation 20,21 New Student Orientation

Grade 9 Portraits Taken

21 Grade 9/New Student **PARENT Orientation** 

26 Staff Orientation 27 Prof Dev (No School) Students' First Day

AUGUST '19 (3)							
S	М	T	W	Th	F	S	
				1	2	3	
4	5	6	7	8	9	10	
11	12	13	14	15	16	17	
18	19	20	21	22	23	24	
Α	26	27	28	29	30	Α	

FEBRUARY '20 (15) M T W Th F S S 3 4 5 6 7 В В Α 10 11 12 13 14 Α 17 18 19 20 21 24 25 26 27 28 В В

MCAS Biology Retest 12 **Advisory Dinner** 13 Advisory Dinner (snow Date)

17 Presidents' Day 17-21 February Vacation

2 Labor Day

28

5 Back to School Night

23 Grade 11 Portraits College Fair

30 Grade 10 & 12 Portraits Taken

SEPTEMBER '19 (20)							
S	М	T	W	Th	F	S	
В	2	3	4	5	6	В	
Α	9	10	11	12	13	Α	
В	16	17	18	19	20	В	
Α	23	24	25	26	27	Α	
В	30						

MARCH '20 (22) w Th F S S M T 3 5 Α 2 4 6 Α 9 10 11 12 13 В В 17 18 19 16 20 Α Α В 23 24 25 26 27 В 30 31 Α

2,4,5 MCAS ELA Retest 6,9 MCAS Math Retest 11 SKILLS Districts Comp Open House 18

Open House (snow date) 19 Prof Dev (half day) 13

24-25 MCAS ELA

3 College Fair 9

Advisory Dinner

10 Honor Roll Banquet

11 Principal & Counselors

Day

Columbus Day 14

17 Honor Roll Banquet

21 Tour Day (no school)

Career Awareness 21

Niaht

25 Prof Dev (half day)

	OCTOBER '19 (21)							
S	М	T	W	Th	F	S		
В		1	2	3	4	В		
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В	14	15	16	17	18	В		
Α	21	22	23	24	25	Α		
В	28	29	30	31		В		

**APRIL '20 (16)** T W Th F S S 2 3 Α Α 8 В 9 10 В 14 15 16 17 Α 13 20 21 22 23 24 В 27 28 29 30 В

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Α 4 5 6 7 8 Α

В 11 12 13 14 15 В

Α 18 19 20 21 22 Α

В 25 26 27 28 29 В

Third Quarter Ends 10 Good Friday(no school) Superintendent's Dinner

15 20-24 Spring Break

30-May 2 SKILLS State Comp

First Quarter Ends and

MCAS ELA Retest 6,7,8 Portraits for Absentees 5

11 Veterans Day

19 Parents' Night(half day)

13,14 MCAS Math Retest Parents' Night (half day) 21

24-26 SKILLS Leadership Conference

27 Half Day School 28 Thanksgiving Day

NOVEMBER '19 (18)							
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Α	25	26	2 <u>Z</u>	28	29	Α	

AP Testing -see schedule MAY '20 (20) On back м T W Th F S

22-26

1 В Prom

Sr. Sign-out Academic 15 19,20 MCAS Math Test

Senior Sign-out Voc. 22 25

Memorial Day 26 Senior Awards Night

Graduation 27

28 Graduation rain date

Prof Dev (half day) 23-31 Winter Break

DECEMBER '19 (15)							
S	М	T	W	Th	F	S	
В	2	3	4	5	6	В	
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В	16	17	18	19	20	В	
	23	24	25	26	27		
	30	31					

	JUNE '20 (9)							
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Α	1	2	3	4	5	Α		
В	8	9	10	11	12	В		
Α	15	16	17	18	19	Α		
21	22	23	24	25	26	27		
28	29	30						

MCAS Biology Test 2,3 3 **Advisory Dinner** Freshmen 4

Acceptance Night 11 Last day of School if No snow cancellations

SKILLS Nat'l Comp

New Year's Day(no school) 13-17 Mid-terms Gr 9 & 11

21-24 Mid-terms Gr 10 & 12 20 M.L. King Day(no school)

24 Second Quarter Ends 27 Begin Semester 2

JANUARY '20 (21)							
S	М	T	W	Th	F	S	
			1	2	3	Α	
В	6	7	8	9	10	В	
Α	13	14	15	16	17	Α	
В	20	21	22	23	24	В	
Α	27	28	29	30	31	Α	

#### MT 2019-2020 School Year Monty Tech

Interim Progress R	<u>eport Dates</u>	Marking Period Ends		
Interim Progress Report 1 <sup>st</sup> Period	September 27, 2019	1 <sup>st</sup> Marking Period	November 1, 2019	
Interim Progress Report 2nd Period	December 6, 2019	2 <sup>™</sup> Marking Period	January 24, 2020	
Interim Progress Report 3rd Period	February 28, 2020	3 <sup>rd</sup> Marking Period	April 9, 2020	
Interim Progress Report 4 <sup>th</sup> Period	May 1, 2020	4 Marking Period SENIORS	May 15, 2020 Academic	
	-	4 <sup>a</sup> Marking Period SENIORS	May 22, 2020 Vocational	
		4 <sup>a</sup> Marking Period	June 11, 2020	

PRE-EXPLORATORY/EXPLORATORY (B weeks)	DATES:
Pre Exploratory	Sept. 3,4,5,6 (4 days)
Exploratory 1	Sept. 16,17,18,19,20 (5 days)
Exploratory 2	Sept. 30, Oct. 1,2,3,4 (5 days)
Exploratory 3	Oct. 15,16,17,18 (4 days)
Exploratory 4	Oct. 28,29,30,31 Nov. 1 (4.5 days)
Exploratory 5	Nov. 12,13,14,15 (4 days)
Exploratory 6	Dec. 2,3,4,5,6 (5 days)
Exploratory 7	Dec. 16,17,18,19,20 (5 days)
Exploratory 8	Jan 6,7,8,9,10 (5 days)
Exploratory 9	Jan. 21,22,23,24 (4 days)

AP EXAM SCHEDULE	
May 11, 2020	Environmental Science
May 6, 2020	English Literature & Composition
May 7, 2020	Chemistry
May15, 2020	Computer Science Principles
May 5, 2020	Calculus
May 13, 2020	English Language & Composition
May 15, 2020	Statistics

#### \*\*MCAS:

Since many of the MCAS tests are going to be computer based this year, DESE has provided Secondary Administration Dates just in case there are technology related issues that arise during the Primary Administration Dates. These secondary dates are as follows:

ELA Session 1 – Thursday, March 26 ELA Sessions 2 – Friday, March 27

Mathematics Session 1 – Thursday, May 21 Mathematics Session 2 – Friday, May 22

Biology Session 1 – Thursday, June 4 Biology Session 2 – Friday, June 5

Subject to Department of Education Regulations.

All dates are tentative, based on current information and may change due to unforeseen circumstances.

# **EXPLORATORY REQUIREMENTS** 2019-2020

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AUTO BODY:COLLISION REPAIR	COSMETOLOGY	GRAPHIC COMMUNICATIONS
SNEAKERS OR WORK BOOTS	WRITING UTENSIL	NOTEBOOK
SAFETY GLASSES	NOTEBOOK	WRITING UTENSIL
PEN & PENCIL	RUBBER SOLED SHOES/NO HEELS	NO OPEN TOED SHOES/SANDALS
JEANS OR WORK PANTS	NO SHORTS/NO LEGGINGS	
WORKSHIRT OR T-SHIRT	NO OPEN TOED SHOES/SANDALS	HEALTH OCCUPATIONS
HAIR RESTRAINT		WRITING UTENSIL
NO NYLON CLOTHING	CULINARY ARTS	NOTEBOOK
NO LOOSE/TORN CLOTHING	SNEAKERS	SAFETY GLASSES
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SNEAKERS OR WORK BOOTS

MASONRY

HAIR RESTRAINT NO LOOSE/TORN CLOTHING

LONG PANTS/T-SHIRT

SAFETY GLASSES

	HEALTH OCCUPATIONS	WRITING UTENSIL	NOTEBOOK	SAFETY GLASSES	HAIR RESTRAINT/NO JEWELRY	NO OPEN TOED SHOES/SANDALS	NO LOOSE/TORN CLOTHING	NO LEGGINGS/SWEATPANTS/YOGA PANTS		HOUSE CARPENTRY
NO SHORTS/NO LEGGINGS	NO OPEN TOED SHOES/SANDALS		CULINARY ARTS	SNEAKERS	WRITING UTENSIL	LONG PANTS	HAIR RESTRAINT	SOCKS MUST BE WORN	NO TANK TOPS	NO OPEN TOED SHOES/SANDALS

SHORT SLEEVE/LONG SLEEVE T-SHIRT ONLY JEANS OR WORKPANTS ONLY

S

HAIR RESTRAINT NO LOOSE/TORN CLOTHING

VETERINARY SCIENCE

WRITING UTENSIL NOTEBOOK SAFETY GLASSES

SNEAKERS OR WORK SHOES ONLY SAFETY GLASSES

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HOES/SANDALS	HOUSE CARPENIRY
	SNEAKERS OR WORK BOOTS
97	SAFETY GLASSES
	LONG PANTS/T-SHIRT
	HAIR RESTRAINT
	NO LOOSE/TORN CLOTHING
HOES/SANDALS	NO LEGGINGS/SWEATPANTS/YOGA PANTS

DENTAL ASSISTIN

WRITING UTENSIL NO LOOSE/TORN OR NYLON CLOTHING

HAIR RESTRAINT

**I-SHIRT** 

BUSINESS TECHNOLOGY

WRITING UTENSIL

NOTEBOO

AUTO TECHNOLOGY SNEAKERS OR WORK BOOTS SAFETY GLASSES LONG PANTS/JEANS OR WORK PANTS

NO OPEN TOED SH WRITING UTENSIL SAFETY GLASSES Hair restraint

SAFETY GLASSES NO OPEN TOED SHOES/SANDALS

EARLY CHILDHOOD EDUCATION	HVAC & PROPERTY MAINTENANCE
PEN & PENCIL	SNEAKERS OR WORK BOOTS
CHROMEBOOK	PEN & PENCIL
NO OPEN TOED SHOES/SANDALS	SAFETY GLASSES
	LONG PANTS/T-SHIRT
ELECTRICAL	HAIR RESTRAINT
SNEAKERS OR WORK BOOTS	NO LOOSE/TORN CLOTHING

HAIR RESTRAINT/NO JEWELRY NO OPEN TOED SHOES/SANDALS

PEN & PENCIL	SAFETY GLASSES	LONG PANTS/T-SHIRT	HAIR RESTRAINT	NO LOOSE/TORN CLOTHING		INFORMATION TECHNOLOGY	PEN & PENCIL	SAFETY GLASSES	NOTEBOOK	NO OPEN TOED SHOES/SANDALS
CHROMEBOOK	NO OPEN TOED SHOES/SANDALS		ELECTRICAL	SNEAKERS OR WORK BOOTS	SAFETY GLASSES	LONG PANTS/T-SHIRT	WRITING UTENSIL	HAIR RESTRAINT/NO JEWELRY	SMALL STUDDED EARRINGS ONLY	NO LOOSE/TORN CLOTHING

CADVDRAFTING & DESIGN
SAFETY GLASSES
WRITING UTENSIL
NO OPEN TOED SHOES/SANDALS

NO LOOSE/TORN CLOTHING

SNEAKERS SAFETY GLASSES LONG PANTS/T-SHIRT

HAIR RESTRAINT

CABINETMAKING

For all shops: No Tank Tops or sleeveless shirts, shoulders and stomach must be covered, sneakers (no open toed shoes/sandals/slippers) must be worn unless specified. \*See the Student Agenda Book for more safety requirements.

NO LOOSE/TORN CLOTHING

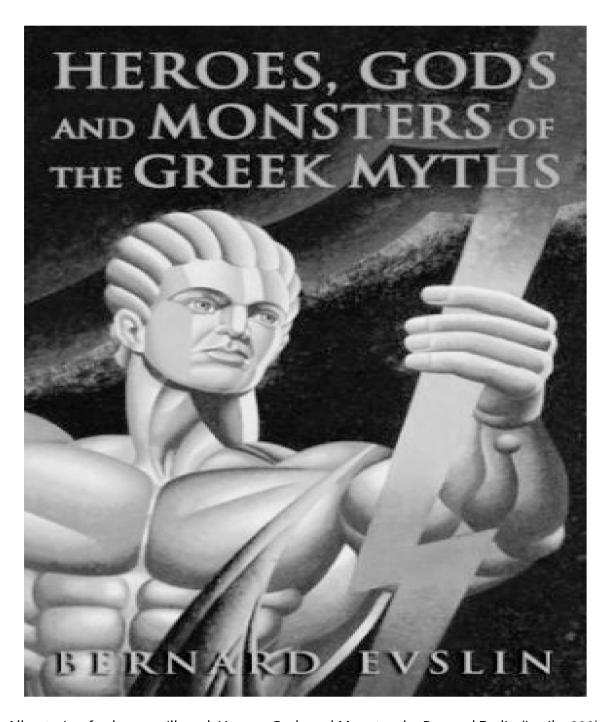
Students may be required to wear work boots once placed into permanent shops,

# ACADEMIC PROGRAM 2019-2020

Grade 9	Crade 10	Carlo Carlos Month 11	C T
			Grade 12
		EN398 AP Language & Composition (AP)	EN499 AP Literature & Composition (AP)
EN190 English 9 (Pre-AP)	EN290 English 10 (Pre-AP)	EN390 English 11 (H)	EN490 English 12 (H)
EN172 English 9	EN272 English 10	EN372 English 11	EN472 English 12
EN131 English 9	EN231 English 10	EN331 English 11	EN431 English 12
THE STATE OF THE S	Matl	Math (*semester courses)	
			MA490 AP Calculus (AP) MA499 AP Statistics (AP)
MA192 Algebra II (H)	MA295 Geometry (H)	MA397 Pre-Calculus (H)	
MA171 Algebra I	MA276 Geometry	MA382 Algebra II MA381 Discrete Math	MA487 Pre-Calculus MA482 Algebra II MA483/484 Intro to Trig. & Intro. to Stats*
MA141 Algebra IA	MA245 Algebra IB	MA354 Algebra IIA MA356 Geometry	MA451 Modeling in Algebra IIB MA434 Modeling in Financial Literacy
	Scie	Science (*semester courses)	
		SC397 AP Chemistry (AP) SC399 AP Environmental Science (AP) SC394 P.O. Biomedical Science (PLTW)	SC497 AP Chemistry (AP) SC500/SC501 Biology I & Intro to Biotech (DE)* SC490 Human Body Systems (PLTW)
SC190 Biology (H)	SC295 Chemistry (Pre-AP)	SC391 Physics (H) SC393 Anatomy & Physiology (H)	SC491 Physics (H) SC493 Anatomy & Physiology (H)
SC172 Biology	SC285 Chemistry SC266 Environ. Science	SC385 Chemistry SC381 Physics SC383 Anatomy & Physiology	SC485 Chemistry SC481 Physics SC483 Anatomy & Physiology SC466 Environmental Science SC473 Zoology and Botany
SC151 Biology, Part I	SC254 Biology, Part II SC236 Environ. Science	SC338 Applied Chemistry SC341 Applied Physics SC343 Anatomy & Physiology	SC438 Applied Chemistry SC441 Applied Physics SC443 Anatomy & Physiology SC436 Environmental Science
		L 7	

SS191 U.S. History I (H)	SS292 U.S. History II (H)	SS393 U.S. History III (H)	SS494 World History (H)* SS490 Cultural Studies (H)* SS495 Law & Society (H)*
SS171 U.S. History I	SS272 U.S. History II	SS373 U.S. History III	SS484 World History* SS465 Law & Society*
SS131 U.S. History I	SS232 U.S. History II	SS333 U.S. History III	SS454 World History* SS425 Law & Society*
	Physical	Physical Education (semester electives)	
PE130 Phys. Educ./Health 9 EL60A Yoga & Med. Art 9	PE230 Physical Educ./Health 10 EL60B Yoga & Med. Art 10	PE331 Physical Education 11 PE332 Personal Fitness 11 PE333 Pilates 11 EL61A Yoga & Meditative Art 11	PE431 Physical Education 12 PE432 Personal Fitness 12 PE433 Pilates 12 EL61B Yoga & Meditative Art 12
	Spani	Spanish (year-long electives)	
EL172 Spanish I EL173 Spanish II	EL272 Spanish I EL273 Spanish II EL274 Spanish III	EL372 Spanish I EL373 Spanish II EL374 Spanish III	EL473 Spanish II EL474 Spanish III
	Electives	ives	
Semester Electives EL54A Visual Arts I BU150 Freshmen Seminar EL100 Leadership Ed. IA EL101 Leadership Ed. IB Year-long Electives EL110 Math Lab EL111 Writing Lab EL121S Learning Support EL612A ESL 1 EL612A ESL 2 EL613A ESL 3 EL613A ESL 3 EL615A ESL 4 EL615A ESL 5	Semester Electives EL54B Visual Arts I EL55B Visual Arts II EL2544 Personal Finance EL200 Leadership Ed. IIA EL201 Leadership Ed. IIB EL201 Directed Study  Year-long Electives EL211 Writing Lab EL212 Learning Support EL611B ESL 1 EL612B ESL 2 EL613B ESL 2 EL613B ESL 3 EL613B ESL 4 EL615B ESL 5	Semester Electives EL54A Visual Arts I EL55A Visual Arts II EL55A Visual Arts II EL344 Personal Finance EL300 Leadership Ed. IIIA EL311 Directed Study  Year-long Electives EL321 Learning Support EL611A ESL 1 EL611A ESL 1 EL613A ESL 2 EL613A ESL 3 EL615A ESL 3 EL615A ESL 3	Semester Electives EL54B Visual Arts I EL55B Visual Arts II EL444 Personal Finance EL400 Leadership Ed. IVA EL401 Leadership IVB EL431 Directed Study  Year-long Electives EL421 Learning Support EL421S Learning Support EL611B ESL I EL612B ESL 2 EL613B ESL 2 EL615B ESL 3 EL615B ESL 4

#### Freshman Summer Reading



All entering freshmen will read Heroes, Gods and Monsters by Bernard Evslin (Lexile: 800).

Myths are designed to be didactic (intended to teach). In a well-written analysis, discuss at least two lessons the myths attempt to teach about humanity and the world surrounding it and how the narrator achieves this purpose.

#### **Grade 9 Summer Reading Response**

After reading Heroes, Gods and Monsters, complete the writing prompt below.

Myths are designed to be didactic (intended to teach). In a well written short analysis, discuss at least two lessons the myths attempt to teach about humanity and the world surrounding it and how the narrator achieves this purpose.

#### Lexile® Measures and Grade Levels





#### The Lexile® Framework for Reading

#### Q: Is it possible to tie grade levels to Lexile® measures?

A: There is no direct correspondence of a specific Lexile measure to a specific grade level. Within any classroom or grade, there will be a range of readers and a range of reading materials. For example, in a fifth-grade classroom there will be some readers who are ahead of the typical reader (about 250L above) and some readers who are behind the typical reader (about 250L below). To say that some books are "just right" for fifth graders assumes that all fifth graders are reading at the same level. The Lexile Framework for Reading is intended to match readers with texts at whatever level the reader is reading.

MetaMetrics® has studied the ranges of Lexile reader measures and Lexile text measures at specific grades in an effort to describe the typical Lexile measures of students and the typical Lexile measures of texts of a given grade level. This information is for descriptive purposes only and should not be interpreted as a prescribed guide about what an appropriate Lexile reader measure or Lexile text measure should be for a given grade. Data for the Lexile reader measures came from a national sample of students. Table 1 shows the middle 50% of Lexile reader measures. The middle 50% is called the interquartile range. The lower number in each range marks the 25th percentile of readers, and the higher number in each range marks the 75th percentile of readers. It is important to note that 25% of students in the study had Lexile measures below the lower number and 25% had Lexile measures above the higher number.

Data for Lexile text measures came from collections found in various grade-level classrooms. The text measures from this research can be found at Lexile.com (www.lexile.com/about-lexile/grade-equivalent/grade-equivalent-chart). Additional research identified a gap between the reading demands of high school and those of postsecondary endeavors (Williamson, 2008). A "stretch" text continuum was developed to help identify a pathway of text demand that would effectively close the high school and postsecondary text demand gap (Sanford-Moore & Williamson, 2012). The text complexity bands and associated ranges in the supplementary information to the Common Core State Standards, Appendix A were informed by this and other research. Table 1 shows the grade-specific bands based on the Common Core Lexile text measures for each grade.

Notice that there is considerable overlap between the grades. This is typical of student reading levels and texts published for each grade. In addition, the level of support

Grade	Lexile Reader Measures (Interquartile <sup>1</sup> Range, Mid-Year)	2012 CCSS Text Measure
1	Up to 300L	190L to 530L
2	140L to 500L	420L to 650L
3	330L to 700L	520L to 820L
4	445L to 810L	740L to 940L
5	565L to 910L	830L to 1010L
6	665L to 1000L	925L to 1070L
7	735L to 1065L	970L to 1120L
8	805L to 1100L	1010L to 1185L
9	855L to 1165L	1050L to 1260L
10	905L to 1195L	1080L to 1335L
11 & 12	940L to 1210L	1185L to 1385L

provided during reading and reader motivation have an impact on the reading experience. Students who are interested in reading about a specific topic (and are therefore motivated) often are able to read text at a higher level than would be forecasted by the reader's Lexile measure.

Although a student may be an excellent reader, it is incorrect to assume that he/she will comprehend text typically found at (and intended for) a higher grade level. A high Lexile measure for a student in one grade indicates that the student can read grade-level-appropriate materials at a very high comprehension rate. The student may not have the background knowledge or maturity to understand material written for an older audience. It is always necessary to preview materials prior to selecting them for a student.

It is important to note that a book's Lexile measure refers to its text difficulty only. A Lexile measure does not address the content or quality of the book. Lexile measures are based on two well-established predictors of how difficult a text is to comprehend: word frequency and sentence length. Many other factors affect the relationship between a reader and a book, including its content, the age and interests of the reader, and the design of the actual book. The Lexile measure is a good starting point in your book-selection process, with these other factors then being considered.

The real power of the Lexile Framework is in matching readers to text—no matter where the reader is in the development of his/her reading skills—and in examining reader growth. When teachers know Lexile reader measures and Lexile text measures, they can match their students with the texts that will maximize learning and growth.

For more information, call **1–888–LEXILES** or visit **www.Lexile.com**.



# things to know BEFORE 9TH GRADE

I.C.E.

Citing sources in the important to avoid

- I- Introduce evidence
- C-Cite it
- E- Explain it (why is it important?)

# Thesis Statement

# **ARGUMENT**

How do you write one? What are the parts? How do you know if it's good?

CLAIM **EVIDENCE COUNTER-CLAIM** REFUTE REBUTTAL

# STRUCTURE INTRODUCTION

Hook, intro topic, THESIS CONCLUSION

Wrap up, SO WHAT?

# Keme vs. To

**THEME:** the moral, lesson learned, or statement about life and how we behave. **TOPIC:** what the article, story, poem, etc, is about LITERALLY.

#### **SENTENCE** STUCTURE

What are the types of sentences?

S CD CX CD-CX

S, V, complete thought DEPENDENT

S, V, incomplete thought

## **ANNOTATE**

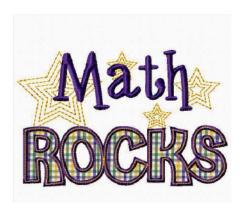
What is annotation? How can it help you make a sense of a text?

### Rhetorical STRATEGIES

What are they? Why do writers/speakers use them?

ETHOS - appeal to speaker's credibility **PATHOS** - appeal to emotions

**LOGOS** - appeal to logic



#### Monty Tech Summer Math

#### All incoming freshman students are required to complete Summer Math Assignments

#### Why Summer Math?

The purpose of these assignments is:

- to keep student's math skills fresh over the summer months
- to better prepare students to be successful in their next level of math
- provide teachers with a "math profile" of each student in order to provide support.

#### Will the assignments be graded?

Yes. These assignments will be graded for effort only, meaning that 100% completion means a grade of 100%! Grades on individual assignments will be used only to address any gaps in math skills.

#### How do I create an ASSISTments account?

All assignments will be accessed and completed online using a free computer based tutoring program called ASSISTments. You will need to create an ASSISTments account if you don't already have one. See the attached instructions for creating an account or using an account that you already have from middle school.

You can also get help online at (website address is case sensitive): bit.ly/mt-assistments

#### How do I access the assignments?

After you've logged into your ASSISTments account, click on the folder titled "ALL Freshmen Required Math Assignments", you should see 12 assignments. *ALL freshmen must complete these 12 Assignments!* Make sure to complete #11 and #10 first, in order to know how use the system. See the Monty Tech ASSISTments Help Site (bit.ly/mt-assistments) for additional guidance including a video explanation of Lessons #11 and #10, as well as some tech help with other lessons.

If you are an Honors student, the assignments in the second folder titled "Only Freshmen entering Algebra 2 Additional Summer Math Assignments" must be completed in addition to the first. Complete the "All freshman" assignments first.

#### What else do I need to know about Monty Tech summer math?

Each assignment consists of a math topic skill builder. These skill builders require students to complete 3 problems correct in a row in order to be able to move onto the next assignment. If you are experiencing difficulty, there are hints and breaking it into steps features provide assistance. The system shuts off after 10 incorrect answers in a row and will not open up again until the next day for students to try again.

Each assignment will show a grade when completed, but this grade will only be used to address skill gaps and provide support. When all assignments are completed, students will receive a grade of 100% when beginning their math class in the fall. You may return to the list of assignments at any time by clicking on the "assignments" tab in the upper left-hand corner.

Upon completion of the summer math, please fill out a brief survey located at (website address is case sensitive): **bit.ly/mt-assistments** 

#### **Problems or Questions?**

Contacts:

Mrs. Trundy, trundy-alethea@montytech.net

Mrs. Hall, hall-melissa@montytech.net

Christina Favreau, Director of Academic Programs, 978-345-9200 ext. 5421 or favreau-

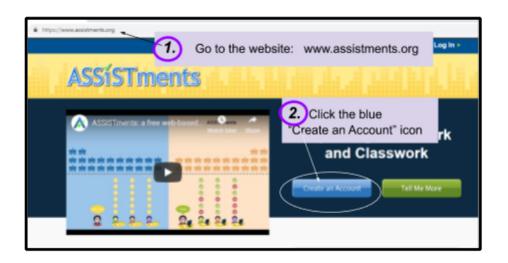
christina@montytech.net

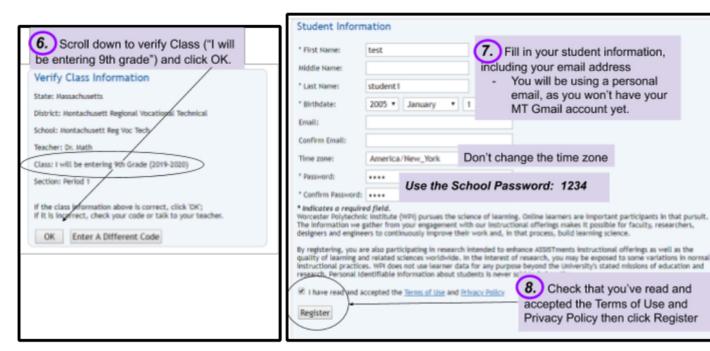
#### Monty Tech Summer Math

#### How do I access ASSISTments and create an account?

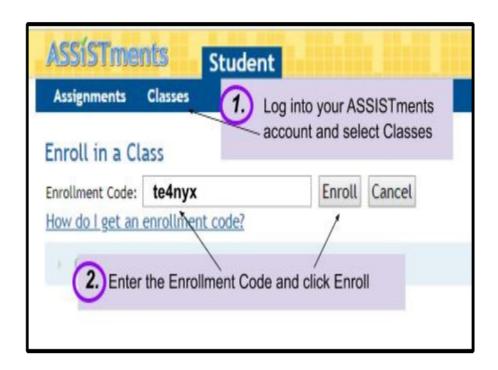
(Note: for 8th graders who already have an ASSISTments account, see instructions at the end of this guide)

#### To Create a new ASSISTments account:



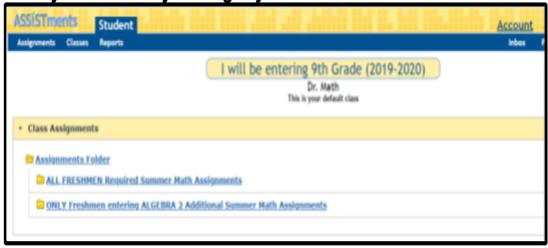


#### For 8th graders who already have an ASSISTments account:



\*

All users: Your ASSISTments account is now enrolled in the MT course and you are ready to begin your summer math adventures!!





#### **Math Lab**

Teacher: Audra Marini Email: <a href="mailto:marini-audra@montytech.net">marini-audra@montytech.net</a>

This two year course is designed to provide supplemental academic support to eligible Title I students in math as well as extensive targeted instruction that will help prepare students to meet the proficiency score requirements of the state assessment (MCAS). Eligibility criteria are based on students' performance on standardized tests, placement test scores, and guidance counselor/teacher recommendations. For more information, please see your student's guidance counselor.

These students will be taking the Next-Generation MCAS of which will be online. To prepare for this computerized test, we will be working with various educational technology tools to make sure the students are adequately prepared.

**Freshmen Level:** At the freshmen level, this course will focus on closing any gaps that the students may have in regards to their basic arithmetic skills. This solid foundation is critical in order to master future math skills. In addition, this course is designed to support the students with the content covered in their Algebra IA or Algebra I course.

The topics that Math Lab will cover during freshmen year include:

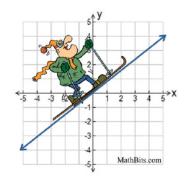
#### **Number & Quantity**

- Basic Arithmetic Skills
  - Add/Subtract/Multiply/Divide integers, fractions, and decimals
  - Converting Fractions to Percents and vice versa
  - Rounding Numbers
- Order of Operations
- Square and Cube Roots
- Properties of Real Numbers

#### Algebra & Functions (Part 1)

- Multi-Step Equations
- Inequalities
- Evaluating Functions
- Slope of Lines
- Writing Linear Equations
- Graphing Linear Equations
- Systems of Equations
- Exponents Rules
- Operations with Polynomials





**Sophomore Level:** At the sophomore level, the primary focus is preparation for the state assessment (MCAS). Problem-solving strategies, open response questions, and test-taking techniques will accompany each unit throughout the course.

The topics that Math Lab will cover during sophomore year include:

#### Statistics & Probability

- Summary Statistics (Mean, Median, Mode, Range)
- Interpreting Graphs (Pie Charts, Bar Graphs, Scatter Plots, Box-and-Whisker Plots, Histograms)
- Scatter Plots

#### Geometry

- Angle Pair Relationships
- Interior & Exterior Angles Triangles
- Pythagorean Theorem
- Special Right Triangles
- Right Triangle Trigonometry
- Similar Figures
- Distance & Midpoint Formulas
- Transformations (translations, reflections, rotations, dilations)
- Inscribed Angles in Circles

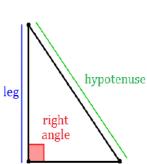
#### Geometric Measurements

- · Various 2-dimensional geometric figures
  - Area
  - Perimeter
- Various 3-dimensional geometric figures
  - Volume
  - Lateral Surface Area
  - Total Surface Area

# Height Width

#### Algebra & Functions (Part 2)

- Arithmetic and Geometric
- Factoring
- Solving Quadratics



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# NEW ACER CHROMEBOOK'S C731T NEXT YEAR



CASES & CHARGERS WILL BE COMING TO THE SCHOOL STORE

SEE BACK FOR RULES & REGULATIONS

# All incoming Freshmen will be receiving a school-owned Chromebook at the beginning of the school year.



- Chromebooks will be distributed to incoming freshmen, and newly enrolled students, within the first three weeks of the school year.
- Optional insurance will be offered for the Chromebooks for parents to purchase.
- Parents/Guardians and students are required to sign and return the Chromebook Agreement Form and Acceptable Use Policy.
- Technology will be used in your classes and you will be required to bring your Chromebook to class every day fully charged. Teachers will be using Google Classroom and other tools in class.
- Monty Tech's filtering software will be in place on the device during school as well as outside of school - it blocks websites that are inappropriate for students.
- You will be able to personalize your Chromebook by purchasing an optional case. You may
  put stickers and markings on your purchased case, because it is yours. All items must be
  appropriate and not violate any school policy or rule. Recommended cases will be available
  for purchase in the school store.
- Stickers and markings are NOT ALLOWED on the Chromebook itself.
- There will be a presentation about digital citizenship and appropriate social media usage for all students at the beginning of the school year. It will cover topics such as:
  - Common Sense on Social Networks
  - Internet Safety, Using the Internet Responsibly, Cyberbulling
  - How to Present and Protect Yourself Online
- Devices that are lost, stolen or vandalized need to be reported to the school's Dean of Students Office immediately - students will be required to submit a report.
- Technical support will be available through the Technology Department. Do not attempt to repair the device yourself.

#### Helpful Monty Tech Apps

#### Created by current Monty Tech students!



http://bit.ly/mt-extrahelp

Use this app to help you look up when teachers are offering extra help.



#### bit.ly/mt-clubs

Use this app to look up a description as well as meeting times and advisors for the clubs available at Monty Tech.

Follow the link to these apps and you will then be able to download them onto your phone.

# MONTY TECH MARINE CORPS JROTC

#### **PURPOSE**

The purpose of the Monty Tech Marine Corps Junior Reserve Officer Training Corps (MCJROTC) program is to:

- Instill the values of leadership
- Citizenship
- Service to Country
- Personal responsibility and a sense of accomplishment

#### **THREE MAJOR OBJECTIVES**

- Give students an appreciation for the origin, advantages, and responsibilities of leadership.
- Develop an understanding of leadership skills and the advantages of strong moral character.
- Develop in students a sense of pride, discipline, and personal responsibility.

We are not seeking to recruit for the military and MCJROTC does not obligate students to serve in the armed forces.

We strive to meet Monty Techs mission.

Stop into Student Support Services or the MCJROTC Classroom to ask about the chance to be part of one of Monty Tech's most exciting and demanding elective programs.

#### **ACTIVITIES**

Cyber Security Team Marksmanship Drill Team Color Guard

#### **VOLUNTEER**

Community Service Wreaths Across America Food Shelters Disaster Relief Efforts



#### **INSTRUCTORS**

Senior Marine Instructor First Sergeant Paul Jornet USMC (Ret) Jornet\_ paul@montytech.net

Marine Instructor
First Sergeant
Shane Dillon
USMC (Ret)
Shanedillon@montytech.net

#### **UNIFORMS**

Cadets will wear the Marine Corps JROTC uniform one day per week. Uniforms are provided at no cost to the student for participation in the program.

#### **PHYSICAL FITNESS**

Physical fitness training is conducted one day per week along with completion of the Youth Physical Fitness Test (YPFT) two times during the school year.

#### **CLASSES**

Classes will evolve around Leadership Education. The program is progressive with cadets moving from one school year to the next. Freshman Cadets will begin as a Leadership Education One (LE I) and make their way through LE II (Sophomore), LE III (Junior), and LE IV during Senior year. Each year builds on the previous year with additional knowledge and responsibility.

#### **RANK**

Promotions occur through demonstrated potential along with consistent adherence to all MCJROTC rules and regulations. Some cadets will have the potential to progress through rank at an accelerated pace through routine demonstration of above average performance.

#### **OPPORTUNITY**

Through the MCJROTC Leadership Program, Cadets are more confident and better prepared for their futures, no matter what direction they pursue in the trades, college, or military service.



#### Competition

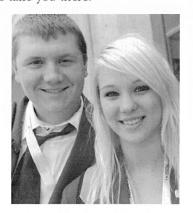
Do you like to compete for prizes, scholarships and awards? SkillsUSA offers countless opportunities to showcase skills in competitive events while earning recognition that looks great on a résumé. You can compete at the local, regional, state and national levels in areas applicable to your career choice. Not only will this help you learn to work under pressure, but it will also give you a competitive edge in the workplace. You'll also have an opportunity to meet and learn from industry professionals.

#### **Service to Others**

There is nothing more fulfilling than helping others. That is why service is one of SkillsUSA's top priorities. You can truly make a difference on your campus or in the community by applying your knowledge and skills through service. The best part is, coming up with a service project is easy and rewarding. Together with other SkillsUSA members, you can share your time and energy to make a lasting difference in your corner of the world.

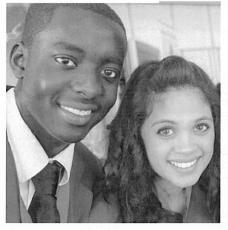
#### **Travel**

Want to see new places and meet new people? SkillsUSA can put you on the road to a variety of destinations depending on your level of involvement. Competitions and leadership conferences can lead to local, state, national and even global travel. Not only is this exciting from a student perspective, but it prepares you for potential careers that require mobility and exposure to different types of people and cultures. If you're ready to broaden your horizons, SkillsUSA is ready to take you there!











#### **Teamwork**

Effective teams are fundamental to the success of any organization. Employers seek individuals who effectively work together to accomplish a common goal. SkillsUSA is just the place to learn the fundamentals of teamwork including trust, flexibility, loyalty and conflict resolution. Join a SkillsUSA team and gain valuable experience while building new friendships!

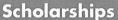
#### **Fun Experiences**

It has often been said that life is what you make of it. Much in the same way, SkillsUSA is all about making the most of a member's experience. The best part is, the process of learning new things, meeting new people and seeing new places involves a great deal of fun! What's more, you're in charge! Whether it's attending social activities, participating in competitions, volunteering for a community service project or providing leadership as an officer, you are the master of your SkillsUSA adventure. Do not let this opportunity for fun, learning and career development pass you by. The world of SkillsUSA awaits you ... seize the day!

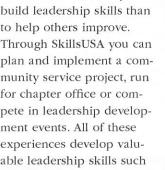


#### Leadership

Leadership is influence! There is no better way to build leadership skills than to help others improve. Through SkillsUSA you can plan and implement a community service project, run for chapter office or compete in leadership development events. All of these experiences develop valuable leadership skills such as communication, decision making, group collaboration and problem solving.

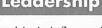


Pursuing higher education is costly. Whether you're attending a technical school, community college or university, expenses such as tuition, books and living expenses add up quickly. SkillsUSA members are eligible for more than \$600,000 in scholarships annually at the state and national level. In some cases, there are local scholarships as well. Not only can applying for scholarships lead to monetary awards, but the process also provides valuable experience in completing applications. Give yourself an opportunity to get ahead by taking advantage of the generous support available only to













#### Why SkillsUSA?

SkillsUSA is a dynamic and career-oriented leadership organization focused on individual success at home, the classroom, the community and the workplace. Involvement in SkillsUSA can change your life.











#### Monty Tech SkillsUSA Leadership Team Application

Name	Age Gra	ade
Address	City	Zip
Home Phone # ( )	Cell Phone # (	)
Parents' or Guardians' Names		
Technical Education Program	1 <sup>st</sup> Period Academic Te	eacher
Your school E-mail address		
List participation in school and/or community	organizations or activities:	
Attach the following:		
A statement "Why you wish to be on	the Monty Tech SkillsUSA Le	eadership Team"
A copy of <i>Last Year's</i> final report c transcript, freshman may see Mrs. Reyes in guida	• •	your shop teacher print out your
If selected to the Monty Tech SkillsUSA Lead ~Leadership Training after school on ~ All Leadership Team meetings which school until 4 (to be determined) and activities ~ The Fall State Leadership Conference	Wednesday, September 18 th will be held on either Wed	th & Thursday September 19th nesday or Thursday of B week after
Candidate's Signature		 Date
We support and endorse this student's ca	ndidacy for a Monty Tech	SkillsUSA Leadership Team.
Candidate's Parent or Guardian Signature		Date
Candidate's Trade Instructor Signature (Grade 10-12 ONLY)		Date

Due Wednesday, September 11th by 2:40 Mrs. Cataldo - (Early Childhood), Mr. Forhan - (Auto Body), Mr. Pelletier - (225)

#### **MONTY TECH**

#### ATHLETIC CALENDAR

#### 2019 - 2020

DAY	DATE	EVENT	TIME	LOCATION
Monday	8/12/19	Monty Tech Fall Coaches Meeting	4:00 p.m.	Rm. 3231
Monday	8/12/19	Fall - "Meet the Coaches Night"	6:00 p.m.	Auditorium
Friday	8/16/19	Football – Conditioning	*TBA	Athletic Field
Thursday	8/22/19	All Fall Sports Start (ava	Check Fall Newsletter ilable in July)	Athletic Facilities
Wednesday Thursday	10/23/19 10/24/19	Winter Sport Sign-Ups	Lunches "	Café "
Tuesday	11/5/19	Monty Tech Winter Coaches Meeting	5:00 p.m.	Rm. 650
Tuesday	11/12/19	Winter - "Meet the Coaches Night"	6:00 p.m.	Auditorium
Thursday	11/14/19	Fall Awards Night – Boys Soccer Girls Soccer Cross-Country Golf Field Hockey Girls Volleybal		Café/Auditorium

### AWARD NIGHTS MAY BE IN A GROUP OR SEPARATED BY TEAMS, IF THEY CHOOSE TO DO SO

Monday	12/2/19	Winter Sports Start	TBA	Athletic Facilities
Friday	12/6/19	Fall Awards Night – Football Cheerleading	6:30	Café/Auditorium
Wednesday Thursday	2/12/20 2/13/20	Spring Sports Sign-Ups	Lunches "	Café "

Tuesday	3/3/20	Monty Tech Spring Coaches Meeting	5:00 p.m.	Rm. 650
Tuesday	3/10/20	Spring - "Meet the Coaches Night"	6:00 p.m.	Auditorium
Friday	3/13/20	Winter Awards Night -	6:00 p.m.	Café/Auditorium
		Boys Basketball Girls Basketball Ice Hockey Swimming Wrestling Indoor Track & Field (Boys and Gir Cheerleading	ls)	

### AWARD NIGHTS MAY BE IN A GROUP OR SEPARATED BY TEAMS, IF THEY CHOOSE TO DO SO

Monday	3/16/20	Spring Sports Start	TBA	Athletic Facilities
Wednesday Thursday	6/3/20 6/4/20	Fall Sports Sign-Ups	Lunches "	Café "
Thursday	6/11/19	Spring Sports Awards Night	6:00 p.m.	Café/Auditorium
		Baseball Softball Boys Track & Field Girls Track & Field Boys Lacrosse Girls Lacrosse		

AWARD NIGHTS MAY BE IN A GROUP OR SEPARATED BY TEAMS, IF THEY CHOOSE TO DO SO.

DATES AND TIMES MAY CHANGE DUE TO CONFLICTS!!
CHECK NEW CALENDAR ON OUR WEBSITE UNDER "ATHLETICS"

#### CONCUSSION COURSES SIGN - IN PROCEDURE

- GO TO: www.montytech.net
- -CLICK ON: "Athletics" ICON
- AT BOTTOM OF PAGE CLICK "Concussion Courses" ICON Here you will see two courses.

One for students - "Concussions For Students"

One for parents - "Concussions In Sports"

- USE YOUR USER NAME AND PASSWORD FOR BOTH STUDENT AND PARENT SIGN-IN. IF YOU ARE A NEW STUDENT YOU WILL HAVE TO REGISTER. YOUR USER NAME AND PASSWORD ARE GOOD UNTIL YOU GRADUATE.

REMEMBER IT!!!

- ONCE YOU FINISH THE COURSE, DOWNLOAD THE CERTIFICATE AND DROP IT OFF AT THE SCHOOL OR BRING IT TO THE MEET THE COACHES NIGHT IN AUGUST. BOTH CERTIFICATES WILL HAVE YOUR NAME IT WITH A DIFFERENT TITLE FOR STUDENT AND PARENT.

DO NOT DO THE COURSE UNTIL JULY 1ST.



#### Monty Tech New Student Orientation

Tuesday, August 20<sup>th</sup> 8:30 a.m. – 12:00 p.m.
Students with Last Names A – L

Wednesday, August 21<sup>st</sup> 8:30 a.m. – 12:00 p.m.
Students with Last Names M – Z

Wednesday, August 21<sup>st</sup> 6:00 – 7:30 p.m.

Parent Orientation

Please contact Donna Schaff at (978) 630-9200 x 5235 if you are unable to attend your scheduled day