

# Mastery

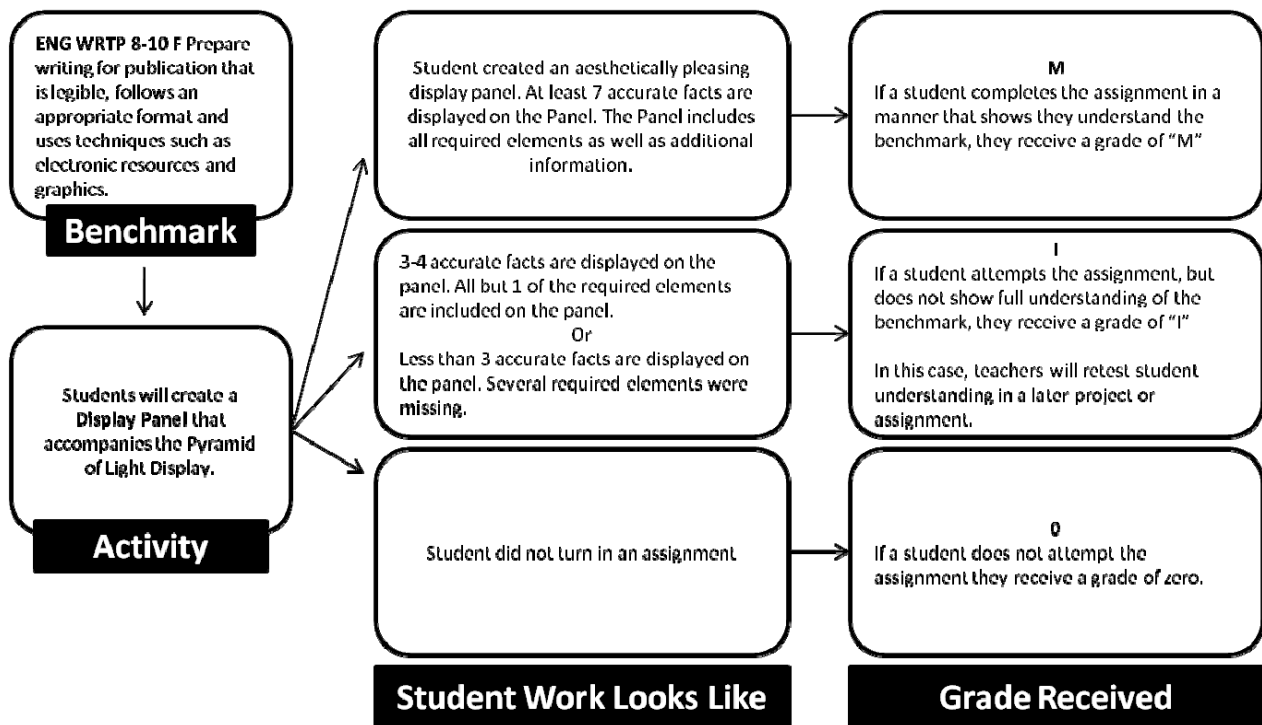
## Grading structure for 9th and 10th Grade Students

MC<sup>2</sup> STEM High School uses Mastery for 9th and 10th Grade students.

**Benchmarks:** are the specific skill sets and proficiency levels that a student must meet in order to successfully earn a credit in subject. Each subject has a different number of benchmarks and students must master all benchmarks to earn their credit and advance to the next level.

- At the beginning of each 10-week capstone, students are given a rubric that states all of the benchmarks they must master during this capstone.
- Specific tasks are assigned for students to gain the necessary knowledge to master the benchmarks.
- Students receive a grade for each task
 

M	Mastery	90% achieved
I	Incomplete	< 90%
0	No Work	
- A student must master all benchmarks in a specific content area to receive credit
- If a student does not master all benchmarks, they will be given the opportunity to complete the non-mastered benchmarks in a later capstone or participate in additional activities designed to re-teach and re-assess the students performance on a particular benchmark.





# College Preparatory

## Grading structure for 11th and 12th Grade Students

MC<sup>2</sup> STEM High School uses a College Preparatory (College Prep) Structure for 11th and 12th Grade students.

In order to prepare students for the credit and class structure they will experience in college, the 11<sup>th</sup> and 12<sup>th</sup> grade system shifts to traditional letter grades.

- Students earn a letter grade in each course taken.
- In all courses, grades of "A" (excellent), "B" (good), "C" (satisfactory), "D" (deficient) or "F" (failing) are given.
- In order for a student to earn credit for a course they must earn a grade of "C" or better.
- If a student does not receive credit they will be required to retake the course

It is important to note that even though the grade scale changes, this is still a project-based school. Students will still be required to learn all of the content necessary to complete a Capstone.

## College Prep Structure and Internships

Many students will be participating in internships throughout the year at different times, structures will be in place to allow students to complete their work. Teachers will work on scheduling with students to ensure students are able to maximize all of their opportunities. It is the student's responsibility to keep track of assignments and maintain an active level of communication with his/her teachers.

## College Prep and PSEOP

Many students will be participating in PSEOP throughout the year at different times. In many cases, the credit students earn in their college level courses will also be accepted for high school credit. To verify which classes apply, students must work with our guidance department when scheduling.





# Credit

## Process for Obtaining Credit

As schools and districts are working through their local credit flexibility policies and procedures, many questions arise regarding high-quality, effective assessment of new instructional delivery models. In particular, performance assessments and mastery-based systems provide the greatest challenge in the context of traditional assessment models.

MC²STEM High School awards credit when 100 percent of the benchmarks have been mastered. In another departure from traditional assessment models, students who do not meet the expectations for mastery during a specific capstone are not required to retake that course. Instead, teachers work together with the student to integrate those benchmarks into subsequent capstones.

### Transcription

Unlike courses in a traditional curriculum, MC²STEM High School capstones are organized by large thematic concepts and are broken down into specific units that address benchmarks. When students transfer to a new district, the high school is able to convert its mastery-based system into a traditional transcript.

The grade cards provide a real-time picture of student progress toward mastery of benchmarks. In cases where a student leaves the school and there is some question in regard to a letter grade equivalency, the teachers and administration meet to discuss the student's performance before assigning a grade.

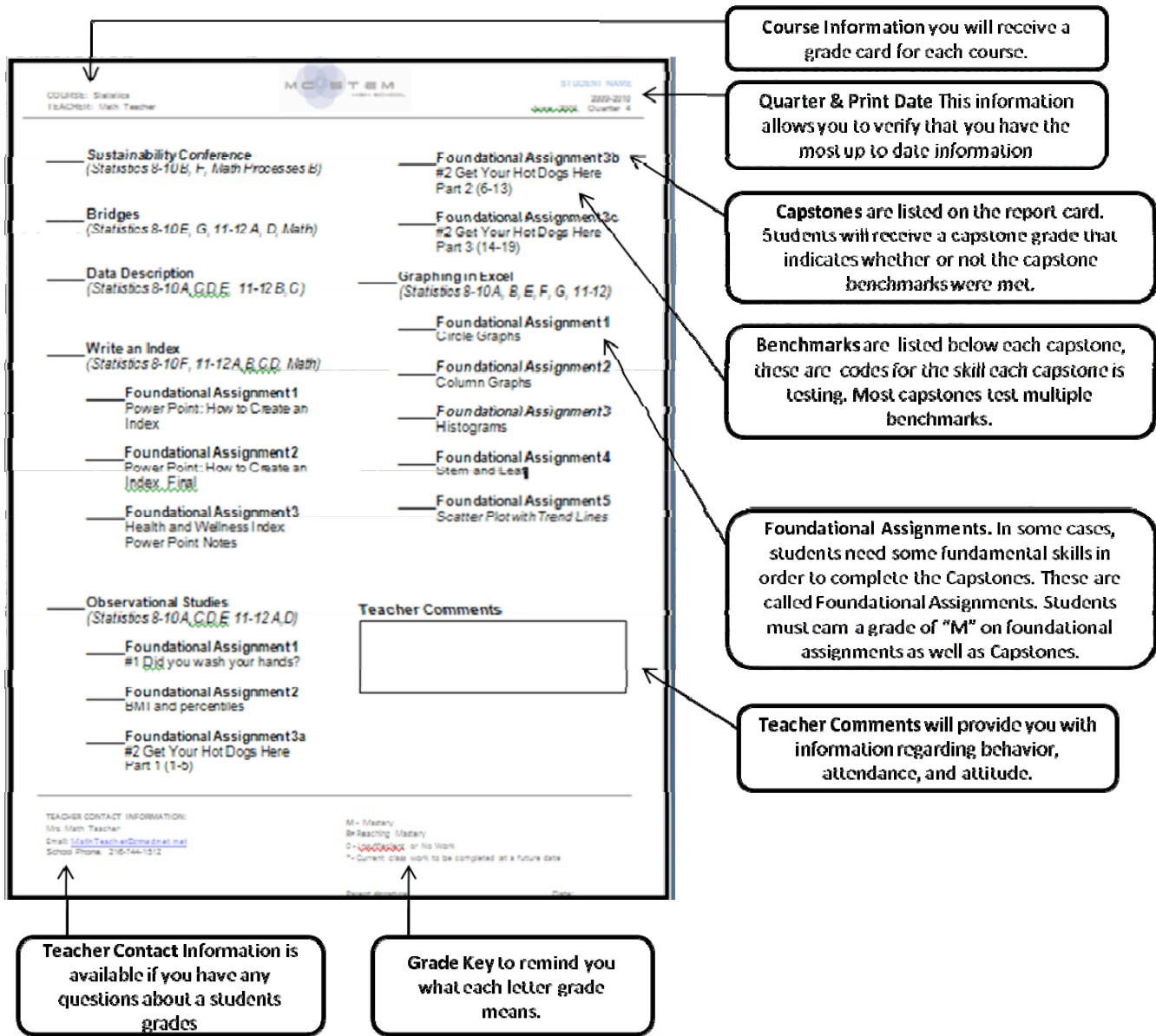
## High School Graduation Requirements

	District	MC²STEM
<b>English</b>	4 credits (English 1, 2, 3, and 4)	4 credits (English 1, 2, 3, and 4)
<b>Fine Arts</b>	1 credit	1 credit
<b>Foreign Language</b>	1 credit	2 credits
<b>Health</b>	0.5 credit	0.5 credit
<b>Mathematics</b>	3 credits (Int. Math 1, 2, and 3)	4 credits (Algebra II, Geometry, Statistics, Pre-Calculus)
<b>Physical Education</b>	0.5 credit	0.5 credit
<b>Science</b>	3 credits (incl. bio and phys.)	5 credits (Phys. Science, Physics, Bio, Chem, Sci Elect)
<b>Social Studies</b>	3 credits (World, American, Govt)	3 credits 3 credits (World, American, Govt)
<b>Senior Seminar</b>	0.5 credit	0.5 credit
<b>Electives</b>	5.5 credit	0.5 credit
<b>Engineering</b>	N/A	3.0 credits
<b>Portfolio</b>	N/A	1 unit
<b>Sophomore Project</b>	N/A	1 unit
<b>Senior Project</b>	N/A	1 unit
<b>College Acceptance Letter</b>	N/A	1 unit
<b>Community /STEM Service</b>	20 hours	60 Hours



# Report Card Information

## 9th and 10th Grade Sample Report Card



**Course Information** you will receive a grade card for each course.

**Quarter & Print Date** This information allows you to verify that you have the most up to date information

**Capstones** are listed on the report card. Students will receive a capstone grade that indicates whether or not the capstone benchmarks were met.

**Benchmarks** are listed below each capstone, these are codes for the skill each capstone is testing. Most capstones test multiple benchmarks.

**Foundational Assignments.** In some cases, students need some fundamental skills in order to complete the Capstones. These are called Foundational Assignments. Students must earn a grade of "M" on foundational assignments as well as Capstones.

**Teacher Comments** will provide you with information regarding behavior, attendance, and attitude.

**Teacher Contact Information** is available if you have any questions about a students grades

**Grade Key** to remind you what each letter grade means.

**Report Card Content:**  
 COURSE: Statistics  
 TEACHER: Math Teacher  
 STUDENT NAME: [REDACTED]  
 2022-2023 Quarter 4  
 Sustainability Conference (Statistics 8-10B, F, Math Processes B)  
 Bridges (Statistics 8-10E, G, 11-12 A, D, Math)  
 Data Description (Statistics 8-10A, C, D, E, 11-12 B, C)  
 Write an Index (Statistics 8-10F, 11-12 A, B, C, D, Math)  
 Foundational Assignment 1 Power Point: How to Create an Index  
 Foundational Assignment 2 Power Point: How to Create an Index, Final  
 Foundational Assignment 3 Health and Wellness Index Power Point Notes  
 Observational Studies (Statistics 8-10A, C, D, E, 11-12 A, D)  
 Foundational Assignment 1 #1 Qjd you wash your hands?  
 Foundational Assignment 2 BMI and percentiles  
 Foundational Assignment 3a #2 Get Your Hot Dogs Here Part 1 (1-b)  
 Foundational Assignment 3b #2 Get Your Hot Dogs Here Part 2 (6-13)  
 Foundational Assignment 3c #2 Get Your Hot Dogs Here Part 3 (14-19)  
 Graphing in excel (Statistics 8-10A, B, E, F, G, 11-12)  
 Foundational Assignment 1 Circle Graphs  
 Foundational Assignment 2 Column Graphs  
 Foundational Assignment 3 Histograms  
 Foundational Assignment 4 Stem and Leaf  
 Foundational Assignment 5 Scatter Plot with Trend Lines  
 Teacher Comments  
 TEACHER CONTACT INFORMATION: Mrs. Math Teacher, Email: MathTeacher@mc2stem.com, School Phone: 216-744-1312  
 M= Missing, B= Reaching, M= Missing, C= Current class work to be completed at a future date