

April 25, 2019

Dear Parents,

The STAAR Science test date of Wednesday, May 15th will be here very soon! We have been examining the STAAR readiness and supporting standards through our daily studies all year, and are now going to spend a couple of weeks reviewing to prepare for this **cumulative** exam. The 8th grade science STAAR covers standards taught in 6th, 7th and 8th grade science. All STAAR reporting categories will be reviewed in depth, so all students, those who mastered the skill and those who need to concentrate on it, will be working on each objective to help them be successful once the test day arrives.

8th Grade Science STAAR Reporting Categories:

1. Matter and Energy- 11 questions
2. Force, Motion and Energy- 9 questions
3. Earth and Space- 11 questions
4. Organisms and Environments- 11 questions

Attendance will be very important for these class review opportunities. **Review labs/activities occurring on these days during class will be scored as quiz & test grades.** All reviews will take place during the school day. We are optimizing every available bit of time up until May 15th.

Date	Time	Topic Covered
4/9- Tuesday	A.M. Lockdown during 8 th grade Math STAAR	8 th -Algebra Students- Graphing "Dump" Strategies
4/25- Thursday	Scheduled Science Class	8 th - Earth and Space- Weather
4/29- Monday	Scheduled Science Class	8 th - Chemistry- Atoms and Periodic Table
4/30- Tuesday	Scheduled Science Class	8 th - Chemistry- Chemical reactions and Formulas and equations
5/1- Wednesday	Scheduled Science Class	8 th - Physics- Force and Motion <ul style="list-style-type: none">• Unbalanced Forces, Speed, velocity, acceleration
5/2- Thursday	Scheduled Science Class	8 th - Physics- Newton's Laws <ul style="list-style-type: none">• Action/Reaction, Force and acceleration, inertia
5/3- Friday	Scheduled Science Class	6 th -Physics- <ul style="list-style-type: none">• Potential Kinetic Energy• Energy Transformations
5/6- Monday	A.M. Lockdown during Algebra EOC	8 th -8 th grade General Math Students- Graphing "Dump" Strategies
5/7- Tuesday	Scheduled Science Class	6 th - Physics and Organisms <ul style="list-style-type: none">• Calculate, measure and graph speed• Prokaryote/eukaryote, unicellular/multicellular, autotroph/heterotroph
5/8- Wednesday	Scheduled Science Class	7 th -Organisms and Environment <ul style="list-style-type: none">• Body Systems, Sexual vs. Asexual reproduction, organic compounds
5/9- Thursday	Scheduled Science Class	7 th -Organisms and Environment <ul style="list-style-type: none">• Succession, Dichotomous keys, watershed, & Genetics
5/10- Friday	Scheduled Science Class	7 th -Organisms and Environment <ul style="list-style-type: none">• Cell Theory, DNA, & Organelles
5/13- Monday & 5/14 Tuesday	Grade Level History and Science STAAR Review	<ul style="list-style-type: none">• 8th Components of the Universe• 8th Causes of day/night and seasons• 8th Lunar Cycle• 8th Calculating Density & Ecology Graph analysis and conclusions• 8th Plate tectonics and topography

TEST GRADE

In addition, some extra after school sessions will be available beginning on Tuesday, April 30th. Reviews will take place in **Room 124 at 3:45 and will conclude at 4:15**. Any student may attend any session on the topics listed below. It is suggested that students print out the "STAAR Science 8 Readiness Review" and bring it to the review sessions. The document can be found on your teacher's Google Classroom web page under Topics: STAAR Review. Click and print the following link if you are viewing this letter digitally. https://mrsspradling.weebly.com/uploads/4/4/8/5/44855053/readiness_standards_staar_review.pdf

Monday	Tuesday	Wednesday	Thursday	Friday
April 22	April 23	April 24	April 25 Science Staar Letter is sent home.	April 26 <u>Holiday</u>
April 26	April 30 Astronomy and Earth Cycles Room 124 3:30-4:15	May 1	May 2 Chemistry: Atoms and Periodic Table Room 124 3:30-4:15	May 3
May 6	May 7 Chemistry: Formulas, Equations, Chemical Reactions. Room 124 3:30-4:15	May 8	May 9 Physics: Force and Motion, Newton's Laws Room 124 3:30-4:15	May 10
May 13 <u>6/7 Math STAAR-8th STAAR retest</u> Grade level Science and History Review-during class	May 14 <u>6/7 Reading STAAR-8th STAAR retest</u> Grade level Science and History Review-during class	May 15 <u>Science STAAR</u>	May 16 <u>History STAAR</u>	May 17 Make up STAAR Day

Many factors contribute to student success on the official STAAR test. These factors include such things as getting a good night's rest the night before, taking their time on the exam (4 hours), and making sure that each item is bubbled correctly on the answer document. **The number one factor for student success is the student's commitment to taking the test seriously and performing his/her best.**

We know the students will rise to the challenge.

Please feel free to contact us should you have any further questions!

Stephanie Greathouse, Erin Robinson, and Melinda Spradling,