

welcome to 7th Grade STEM



mrs. offermann
Offermann@hcsd.org
(815).933.2243 EXT. 5510
PLAN TIME: 12:40- 1:29

about mrs. offermann:

FAVORITE...

SEASON: Summer
COLOR: Teal, blue, green
HOBBY: Gardening
FOOD: tacos, apples & peanut butter, Pop corners Kettle corn
DRINK: Starburst Sparkling Ice, Starbucks Strawberry Refresher & WATER ☺

ALLERGIES: Gluten & Dairy

FAMILY: Husband, Ryan, 2 sons, Landon & Rylan, 1 dog, Arlo

PET PEEVE: Negativity!

EDUCATION:

MA in Elementary Math WGU
BS in El Ed & Middle School
Endorsement in Science EIU

What is STEM?

STEM stands for Science, Technology, Engineering and Mathematics. We will have a heavy focus on one field each quarter while incorporating all aspects into the entire year. STEM is a very hands-on and problem-solving oriented class. There will be a lot of group/partner work.

1st Quarter: (Science) Experimental Design

- Measurement & Metric System
- Force
- Parachute Design Project

2nd Quarter: (Engineering) Biomedical Engineering/Probability

- Helmet Design project
- Heart Valve Replacement Project
- Test the fairness of certain games using probability

3rd Quarter: (Mathematics) Geometry

- Proportions
- Scale Drawings
- Composite Figures
- House Design Project

4th Quarter (Technology) Computer Science

- Using Code.org to Learn how to design a video game

Homework Policy: Homework must be turned in on the day it is due. 1 day late = 50% off grade. Late work can be turned in up to a week late for credit, after a week if it is not turned in, it will be a 0. The best way to know if your child is turning their work is checking PowerSchool.

Absent work: It is the student's responsibility to find out what they missed when they are absent. They can find out what they missed by checking the assignment notebook in my room, or my planbook link. You may see lesson plans in the past and for the current day. Any papers that the student may need will be in the absent work chart in the back of my room. The student will have the number of days they were absent to turn their work in before receiving a 0.



Scan to view
planbook

Supplies: Throughout the year we may need household items or supplies for some of our projects. Please donate when you can. 😊 I also have included my amazon wish list of often used items in my classroom.



Wish List

Extra Credit: Extra credit is only given once or twice a quarter to the entire class. This will be an opportunity for the student to show a deeper understanding of the material we are currently working on.

Behavior: Students will receive a warning for inappropriate classroom behavior. If students' behavior continues the parent will be contacted by me. If behavior issues continue to occur, the child may be issued a referral to the office. There will be no tolerance for bullying, disrespect, or physical aggression, and may result in an immediate referral without warning.

Group Work, Participation & Time Management: Group work can be difficult to manage as different groups work at different times. Students are given ample time to work in class on projects in groups or partners. Students will need to use class time wisely to complete their projects on time. I often provide check points so the students can gauge if they are working at an acceptable rate. Students may NOT work in groups during study hall. Work not completed in class with their group may result in an incomplete grade. When students are allowed to choose their partners/groups choosing people they can be successful with will be essential.

1st: 8:00-8:47
2nd: 8:50-9:37
3rd: 9:40-10:27
4th: 10:30-11:17
Lunch: 11:20-11:50
5th: 11:50-12:37
6th: 12:40-1:27
7th: 1:30-2:17
8th/9th: 2:20-3:05

Schedule: Students have a total of 3 minutes between classes and are encouraged to use that time wisely to get supplies and use the restroom. Students late for class repeatedly will receive a referral.

I look forward to partnering with you in furthering your child's education. It's going to be a great year!

♥ mrs. offermann