

Santa Rosa Academy 2018-2019

6th Grade Computer Science for Innovators and Makers 7th Grade Science of Technology 8th Grade Medical Detectives

Teacher Info

Ms. Misty Pawlowski

Middle School Teacher, M. Ed.

STEM Educator, Project Lead the Way Master Teacher

Email - mpawlowski@sra.mn

Class Website – <https://sites.google.com/santarosaacademy.org/pawlowski>

Office Hours: 2:30-3:00pm-Room 4108 with appointment

Tutoring Hours: Thursdays 2:30-3:00

Class Twitter Account: [@MistyPawlowski@STEM4108](https://twitter.com/MistyPawlowski)

Course Description:

6th , 7th and 8th Grade-

The intention of PLTW courses is to provide the students opportunities to explore the areas of computer science, technology, applied sciences and biomedical science and to learn that there is more than one way to reach a solution. Students will be provided with curriculum that inspires and challenges them through a combination of activities, projects and problem-based learning. Students will gain skills in collaboration, critical-thinking, communication and creativity. These courses will provide students with a strong foundation in STEM education that will serve them well in high school, college, and career.

You may visit the PLTW website to learn more about the program and about your student's specific class. www.pltw.org

6th Grade: Computer Science for Innovators and Makers

7th Grade: Science of Technology

8th Grade: Medical Detectives

*All courses are one semester in length.

Supplies:

6th, 7th and 8th Grades

Required- pencil, one single subject spiral notebook, white board marker

Beneficial and often used- earbuds/headphones (in a case to keep them clean), fun pens/highlighters, glue stick, scissors

Classroom Wish List:

If you would like to donate any items to the classroom at any point throughout the year, it would be greatly appreciated! Here are some items that would be useful:

- Donations to “Donors Choose” when applicable
- Chisel tipped white board markers in any color (very much appreciated!)
- Facial tissues
- Hand sanitizer (very much appreciated!)
- Disinfecting wipes for desktops such as Clorox wipes
- Basic classroom needs such as: glue sticks, pencils, notebook paper

General Expectations for Student’s Learning:

After completing these courses, students will be able to:

1. Demonstrate proper and safe procedures while working with technological tools, equipment, systems and materials.
2. Discuss individual interests, aptitudes and opportunities related to a career in the STEM field.
3. Use the design process and scientific inquiry when appropriate.
4. Demonstrate leadership, organizational and team skills.
5. Demonstrate the ability to create, use and/or maintain technological systems.
6. Demonstrate an understanding of the importance of troubleshooting, research, development, invention innovation and experimentation when problem solving.
7. Examine the effects of technology on the environment and our society.

Classroom Expectations:

Student Expectations:

- 1) Be respectful- self, others, materials, school
- 2) Be responsible- take responsibility for your choices

Class Rules:

- 1) Follow directions promptly and efficiently
- 2) No food or drinks (water is ok), NO nuts/nut products can be consumed in class due to allergies
- 3) Treat equipment and materials gently; they are tools, not toys.
- 4) Keep hands, feet, etc to yourself.

*All rules and policies of Santa Rosa Academy apply inside the classroom

Consequences and Discipline:

I have high expectations regarding behavior and I expect students to follow class expectations and rules at all times. Students that choose to be disruptive or otherwise behave in a way that impedes the learning opportunities of any student will receive one or more of the following consequences:

1st infraction: Warning

2nd infraction: Student will stay after class to discuss how to improve behavior and meet expectations, email to parent

3rd infraction: Removal from activity and/or class

4th infraction: Office referral to administration

*Please note that neither extreme cases of disrespect towards instructor and/or other students nor extreme violations of safety procedures will not be tolerated and may result in immediate referral to administration.

Classroom Policies and Procedures:

Late Work:

All assignments are to be completed and turned in on time. Students who do not turn in their work on time will be given a maximum of 70% credit if the assignment is turned in within **four school days** of the original due date. After that, a zero will be entered into the grade book and the student is no longer able to make it up. If a deadline cannot be made, students are expected to speak with me *prior* to the assignment due date to arrange a plan for completion. The exception to this policy includes major projects or essays. These will not be accepted late.

*Late work will be accepted for most but not all assignments.

Students who are absent on the due dates of major projects, essays, or other long-term assignments must deliver the assignment to the teacher's box, send it to class with another student, or email it to the teacher *by the time the assignment is due*. If these assignments are not turned in on time, the late work policy will apply.

Make-up Work Policy:

Students should ask another classmate and/or check the course website they are absent or they return so that they do not fall behind. Students should *not* inquire about missing assignments during class time. Students are expected to discuss missing work with the teacher before or after class.

*The hands-on structure of class makes make-up work extremely difficult to complete outside of class. Therefore, alternate assignments may be assigned at the teacher's discretion in place of the classroom activity or project.

For an **excused absence**, however many days the student misses is equivalent to how many days they have to make up their work. For example, if a student is absent for three days, that student will have three extra days to complete and turn in their work. For an **unexcused absence**, any assignment that was due on the date of an absence will be due the day the student returns.

*Missed quizzes and tests will need to be made up within a week after the test date if a student is absent. **It is the student's responsibility** to plan the make-up test date. If the student chooses not to arrange this, the test will become a **zero** in the grade book after one week.

Restroom Policy:

Students may only ask to use the restroom during appropriate times and may not leave class without permission. Students are expected to use the restroom before class, during break, passing periods, and lunch. However, students will be given three "emergency passes" at the beginning of the semester. Unused passes can be turned in for extra credit at the end of the semester. If three passes will not be enough for your student due to medical concerns, please contact me via email.

SRA GRADING POLICY

Grading Scale:

98-100% = A +
93-97% = A
90-92% = A -
88-90% = B +
83-87% = B
80-82% = B -
78-80% = C +
73-77% = C
70-72% = C -
68-70% = D +
63-67% = D
60-62% = D -
below 60% = F

***Grades that end in .5+, such as 89.5, will automatically round up in the grade book.**

***If a student falls below a C in any class, SRA requires the student to attend tutoring in that class. It is the student and parent's responsibility to check grades often and regularly to ensure the student attends all required tutoring sessions. If you do not know how to log in to our grading system, Illuminate, contact Mrs. Hermosillo at lhermosillo@sra.mn.**

Grading Breakdown:

Students' grades will be determined based on a combination of classwork, participation and assessment.