



## Welcome to Jr High Science: Quarter 1

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Email me at any time if you have any questions or concerns.

**Important news for 2022/2023!! Breakfast? 7:45AM in the Multipurpose room.**

**School start time? 8:00AM**

**This year I would like to welcome our inclusion teachers to science!**

**6th grade - Mrs. Snyder ([cbomalley@cps.edu](mailto:cbomalley@cps.edu))**

**7th grade - Mrs. Roche ([lzroche@cps.edu](mailto:lzroche@cps.edu))**

**8th grade - Mrs. Reilly ([acreilly@cps.edu](mailto:acreilly@cps.edu))**

Missing work? When a student is absent, there will be a missing assignments sheet in their mailbox. The student needs to make up the assignment within two days. After two days, points will be deducted. Msg will show up for the assignment in ASPEN until the assignment is turned in.

Grading Categories and Weights: Exits=5% (Exits can not be made up if absent.); Formative: classwork, homework, quizzes, research, and mini-labs; Summative: Exams and full projects.

Gradebook codes: Msg=missing, Exc=excused, 0=actual grade on assignment.

Positive Incentive Program: Go for the Gold (See attachment for all junior high classes.)

**Hello, and welcome to the 2022/2023 school year, and welcome to jr. high science at Cassell.**

**This year I will be teaching 6th - 8th grade science. I'm looking forward to an exciting, challenging year filled with many activities, labs, and engineering projects with all students.**

**I'm excited to continue using a program with all science classes this year: Science Career Adventures. This program will not only allow the students to explore hands-on challenges but will also introduce the students to many, many careers in science!**

The NGSS standards that will be covered during the first quarter are....

**6th, 7th & 8th: Scientific method and design process: NGSS: MS-ETS1; Engineering-Design; Scientific Method: Science and Engineering Practices**

**The students will be using the scientific method and design process while actively engaging in our middle school program: Science Career Adventures.**

**6th: MS-LS1-1. Conduct an investigation to provide evidence that living things are made of cells; either one cell or many different numbers and types of cells.**

**MS-LS1-2. Develop and use a model to describe the function of a cell as a whole and ways parts of cells contribute to the function.**

**CC: Cause and Effect relationships. Practices: Constructing Explanations and Designing Solutions**

**7th:MS-LS2-2. Construct an explanation that predicts patterns of interactions among organisms across multiple ecosystems.**

**MS-LS1-4. Use arguments based on empirical evidence and scientific reasoning to support an explanation for how characteristic animal behaviors and specialized plant structures affect the probability of successful reproduction of animals and plants respectively. [**

**CC: Cause and Effect relationships. Practices: Patterns**

**Ecology: Invasive species**

**8th :Matter and Its Interactions: Practices: Developing and Using Models; Analyzing and Interpreting Data; CC: Scale, Proportion, and Quantity; Patterns; Cause and Effect.**

**8th grade students: Science Fair**

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**IMPORTANT!!! Is your child interested in Cassell's Farm Club or Garden Club?**

Email me if interested: [ecloney@cps.edu](mailto:ecloney@cps.edu)

**IMPORTANT! PLEASE UPDATE THE EMAIL YOU HAVE LISTED IN ASPEN. I SEND MANY MASS EMAILS TO PARENTS WITH UPDATES. THANKS FOR ALL YOU DO;)**

Mrs Elaine Cloney