



City Honors School

AT FOSDICK-MASTEN PARK

William A. Kresse, Ph.D. PRINCIPAL

Alicia E. Barinas ASSISTANT PRINCIPAL

Tandy J. Hamilton ASSISTANT PRINCIPAL

Angela R. Hannah ASSISTANT PRINCIPAL

Science (6th grade)

Teacher: Mrs. Reiss

Email: jreiss@buffaloschools.org

Room: 11

Phone: 816-4230 ext. 1011

Course Overview:

Unit # 1 Life Science

Unit Overview: Students will understand and apply scientific concepts, principles and theories pertaining to the living environment setting and recognize the historical development /multicultural involvement of the ideas in science. Main ideas include: Living things are alike yet different, structures in living things are related to their function and living things interact with their environment.

Unit # 2 Physical Science

Unit Overview: Students will understand and apply scientific concepts, principles and theories pertaining to physical sciences and recognize the historical development /multicultural involvement of the ideas in science. Main ideas include: How objects react to forces; electrical forces; and the relationship between electricity and magnetism.

Unit # 3 Earth and Space Science

Unit Overview: Students will understand and apply scientific concepts, principles and theories pertaining to Earth and Space Science and recognize the historical development /multicultural involvement of the ideas in science. Main ideas include: How the Sun's energy affects Earth's atmosphere; Predicting weather; Earth, Moon, and Sun interactions; and the variety of objects in the solar system.

MYP/Global Perspectives:

Science is taught through investigations, observations, data analysis, and rational explanations of natural phenomena. Emphasis is placed on the importance of critical thinking and logical reasoning in the pursuit of scientific knowledge because rigorous scientific instruction prepares students for the deep thinking associated with 21st Century skills.

- Develop and use experimental design in scientific inquiry
- Relate scientific concepts, skills and processes to personal experience
- Use scientific language to communicate understanding
- Develop an awareness and responsibility for the environment and its inhabitants
- Become self-directed learners

Text: Pearson Interactive Science Book, PearsonRealize.com, Pearson Lab materials

Students have online access to the textbook through the Buffalo Public Schools Student Resource page.





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Homework Policy:

Homework is due at the **beginning** of the class for full credit. Late work is penalized 10 points each day after the due date. Students will be able to submit any missing work by end of quarter for partial credit.

Students will be told if written homework assignments are going to be collected/graded, or checked/reviewed. In the event there is no written homework assigned, students are expected to review notes and study vocabulary.

Grading Policy:

Grades are based upon the student's performance on a variety of assessments. I have five categories listed on Infinite Campus and they are weighted equally at 20% each: Warm-Ups, Classwork/Labs, Homework, Participation, and Tests/Quizzes.

Warm Ups/Daily Bell Work:

Students will be expected to begin every day with a brief warm-up that reviews previous topics or introduces new material. This task should take approximately 10-15 minutes and is to be completed in class.

Absences:

It is the **responsibility of the student** to make up any missed work. There is a designated area in the classroom for the student to pick up work from the previous day(s) or other missing papers. The student should also speak with the teacher before/during homeroom or before/after class to collect any other work, ask questions for clarification, or arrange to make up a test if necessary on **the day the student returns**.

Extra Help Opportunities:

If it becomes necessary for extra academic intervention, I will make accommodations during the school day.

Method of Communication:

Email is the quickest and easiest way jreiss@buffaloschools.org

I check my email frequently and will typically respond within 24 hours or less.

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