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www.parkslopecollegiate.org

6TH Grade Science Syllabus 2025-2026

Teachers: Mrs. Kechaiche (nkechaiche@schools.nyc.gov)

Mrs. Villanueva (kvillanueva3@schools.nyc.gov)

Location: Room 403

“EDUCATION IS NOT PREPARATION FOR LIFE; EDUCATION IS LIFE ITSELF”

-John Dewey

Welcome to the **2025 - 2026** school year at K464 Park Slope Collegiate Middle School. We hope you enjoyed your summer! The past few years have been hard, but hopefully this year will be different. We look forward to working with you towards a fun and productive school year. This year we will challenge your child to expand on what he/she learned in elementary school, while challenging every student to explore core scientific areas and concepts in more detail. We will work toward building more critical thinking and problem solving skills through hands-on activities. Through these activities, your child will develop skills that will help him/her excel in all his/her academic endeavors. To achieve our academic goals, we must establish expectations and goals that will help to create a positive learning environment for everyone. It is our intention to reach out to you on a regular basis to update you on your students' progress in the class, and we encourage you to contact us, with the above email addresses, if you have any questions or concerns.

Sincerely,

Ms. Kechaiche and Mrs. Villanueva



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Grade 6 Science Units of Study

Unit	Description	Time
The Scientific Method	Students will learn about the different stages of scientific method. Students will be introduced to the different variables and steps of the scientific method.	Sept.- Oct.
Energy	The concept of energy is one hard to grasp for children. This unit provides concrete examples to understand the definitions of energy, as well as thermal energy transfer.	Nov., Dec.

<p>A Balanced Biosphere</p>	<p>Every ecosystem on Earth is unique, with its own set of geologic features, essential natural resources, and interacting plants and animals. In this unit, students learn more about why an ecosystem works the way it does by looking at a complicated history of natural and artificial processes.</p>	<p>Jan.- Mar.</p>
<p>Extreme Living</p>	<p>In some regions of the world, nature can be pretty extreme! Despite these extreme climate conditions, humans are somehow able to flourish in seemingly inhospitable regions on Earth. In this unit, students consider factors that create regions with extreme climates, and how people can use technology to survive in those regions.</p>	<p>Mar.- May</p>
<p>Climate Change</p>	<p>The topic of climate change can make some people feel discouraged and doomed. It is one of the most complex scientific and social challenges we face today. It is also one of the most complex topics to teach. Hopefully, by the end of this unit students will feel empowered and inspired to make an informed difference in the fight against climate change.</p>	<p>May, June</p>



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Behavioral Expectations

1. Always arrive on time and prepared for class
 - If you arrive late, come in silently, take out your supplies and join the class.
2. Raise your hand to ask and answer questions
3. No phones are allowed during science period
4. No food or open drinks- except for water in a closed bottle - in class
5. Be fully present and participate in class discussions
6. Respect all things and people, including yourself.

Grading Policy

- Quizzes/Exams – 35%
- Projects/ Lab Reports – 40%
- Classwork/Class participation– 25%

Notebooks

You need 1 notebook for class notes/Do Now and key terms. Unannounced spot checks will be done occasionally.

Folders

You need one folder for each unit. Folders must stay in class at all times. Unannounced spot checks will be done occasionally.

Homework

You must write all new key terms on index cards and keep them in your backpack to review them at any time.

Electronics

Students are not allowed to have electronic devices in class. This includes cell phones, smartwatches, headphones, earbuds, or any other electronic device. If a device is visible it will be placed in Ms. Moskowitz's office (the assistant principal) in a secure storage location.

Restroom

Please try to use the restroom before or after class. Students cannot go during the first or last 10 minutes of class, or during the first period and right after lunch, unless it's urgent. If you have a medical need, please provide a doctor's note. We appreciate your cooperation!

Tracking Academic Performance/Materials

Parents and guardians can check their students' academic progress using the DOE grade system. The DOE grade system can be accessed through the TeachHub portal.

Assignments, announcements, and materials (Videos, readings,...) will be posted on **google classroom**. **It's very important to check google classroom daily for announcements and updates.**

Absence Policy

You are responsible to make up all classwork, homework and tests within the week that you return to school. You can retake quizzes and redo assignments, but it is **your responsibility** to ask your teacher.

Supplies

All supplies are due in class on **Friday, September 5, 2025.**

- One composition notebook (solely for science)
- ONE package of index cards (3in X 5in)

**We are confident that if we work together, we will have a wonderful,
productive, and successful school year!**



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Please sign this contract and give it to your science teacher by **Friday, September 05, 2025.**

I, _____ (student's name), of class _____ have read and understand the goals and expectations of this class. I will honor the rules and procedures of the science classroom whenever I am present in class.

Students signature: _____ *Date:* _____

My child and I have discussed the goals and expectations of this science class. I understand the rules and support them. I also understand that if I have any questions or concerns I may contact Mrs. Kechaiche or Mrs. Villanueva by email.

IMPORTANT: To ensure the safety of everyone in our science class, please indicate any **allergies** that your child may have: _____

Parent name: _____

Parent email: _____

Parent telephone: _____

Parent signature: _____ Date: _____