

Parent Newsletter



Message from Your I.A. Assistant Principal



Dear P. S. 220 Families,

Welcome Back and wishing all families a wonderful 2022 New Year! This year provided us with opportunities to celebrate our time together with our loved ones and reflect on the gratitude we share for health, family and friends. Please know, members of the P.S. 220 community extend heartfelt wishes for a new year!

As I think back about this year's challenges, it is amazing to see how many wonderful events have taken place despite our circumstances. We continued to share our love of reading with our Annual Literacy Launch, we participated in a national Coding Event and we had our very first edition of the "P.S 220 News" that was livestreamed to our classes and community!

P.S. 220 will continue to offer students support and provide a safe and nurturing environment for our families. We are so very proud of our students and families for joining programs and participating in daily learning opportunities. Our after-school CASA Program, Academic Recovery and Title III Program is underway providing our students with additional opportunities to interact with their peers and continue to learn. We are so proud of you!

In January, our teachers will continue to plan together and address the Priority Standards as they follow their grade level curricula. Students have opportunity to engage in science activities, read their favorite books and strengthen their mathematical skills.

Please do not hesitate to reach out to your child's teacher to discuss your child's progress.

Lastly, please be reminded that we will continue our arrival procedures to support a healthy environment.

Warm Regards and wishes for a Happy & Healthy New Year!

Jessica Maldonado

I.A Assistant Principal



Pre-K News...



Our next unit of study for January is Transportation. Our goals are for students to understand that people use transportation to get from one place to another. Vehicles move in different ways. Some vehicles can be operated by community helpers. There are many ways we can stay safe when using transportation.

In Building Blocks, we will count, read numerals, connect numerals to quantities, and compare amounts and numbers. We will also count objects to ten, sort and classify, order numbers and lengths, work on patterns, shape identification, and match and recognize different shapes in the environment.

We will work on the letters **Aa, Kk, and Yy.**

Standards: PK.AL.3, PK.AL.4, PK.PDH.5, PK.PDH.9, PK.SED.2, PK.CLL.1, PK.CLL.2, PK.CLL.4, PK.CKW.1, PK.CKW.2, PK.CKW.3, PK.CKW.4, PK.CKW.5, PK.CKW.6, PK.CKW.7, PK.CKW.8

Important Dates

January 3rd- Classes resume

January 17th- School Closed; Martin Luther King, Jr. day

January 18th- Last day to apply for Kindergarten



Pre-K 1

Ms. King-30th

Pre-K 2

Liliana-6th

Haneen-11th



Kindergarten News...

In reading this month we will be using our bigger reading muscles to help us read everything around us. This is aligned with the common core standard: R.1k.10- Actively engage in group reading activities with purpose and understanding. Please have your child continue to practice their sight words and read books in their baggie every night.

In writing we will finish up our Writing for Readers and then begin our How-To unit. This is a great unit. You can help your child get ready for this unit by talking about topics like how to get ready for bed or how to make a sandwich. This is aligned with the common core standard: W.K.2-Use a combination of drawing, dictating and writing to compose an informative/explanatory text.

In math we will finish up our unit on addition facts through ten and then we will begin our subtraction unit of facts through ten. This will help us get ready for our math bee in February. You can practice these facts at home too. This is aligned to Common Core standard: K. OA-Understand addition as putting together and adding and subtraction is taking apart.

In science we will be working on a new unit called Pushes and Pulls. We will learn to predict and describe the effect of a specific type of push or pull which will give rise to a growing understanding of forces and motion.

In social studies we will begin a new unit about geography. In this unit we will learn about map skills and different places in the work.

Parent Communication: Parent Communication: You can set up a google meet with your child's teacher via email or Remind.

Teacher's Email Addresses:

Class K-11 Ms. Hulsen: ahulsen@schools.nyc.gov

Class K-12 Ms. Ciccarello: mciccarello@schools.nyc.gov

Class K-13 Ms. McQuilton: KMcquil3@schools.nyc.gov



Class K-21 Ms. Russo: jrousso@schools.nyc.gov

Class K-31 Ms. Hsu: ehsu2@schools.nyc.gov

& Ms. Gambino: agambino2@schools.nyc.gov



Remind Codes

K11- @k11hulsen

K12- @k12missc

K13- @13mcquill

K21- @2kgh37

K31- @classk31

Google Classroom Codes:

K11- pkumn3g

K12- 53nky3u

K13- 3u3py6r

K21- 3oazpue

K31- bw5eqih



Class Resources:

Myon: <https://www.myon.com/>

Pearson Realize: <https://www.pearsonrealize.com/index.html#/>

Amplify: <https://amplify.com/remoteteaching/science/resources>





First Grade News....

Reading: Our first graders will begin the unit “Learning about the World: Reading Non-Fiction”. This unit is designed to introduce students to non-fiction texts, to be able to read about and learn about things in our world. The children will learn how to slow down their reading and take the time to envision the information and infer so they can learn more from the text.

Writing: Our first graders will begin the unit “Non-Fiction Chapter Books.”

During this unit of study, each child will write lots of information books about lots of different topics and will revisit his or her writing to self-assess and revise, as expected by the Common Core State Standards (CCSS W1.5). Students will name a topic, give facts, and provide a sense of closure (CCSS W1.1). In addition, this is one of the first times children will delve into research to add to their knowledge of a topic (CCSS W1.7).

Math: Our first graders will begin unit 6 and learn to organize, collect, represent, and interpret data by using tally charts and picture graphs. Then students will begin Unit 7 and learn to count by 1s OR 10s to 120 on a number chart and an open number line.

1.OA.1 Use addition and subtraction within 20 to solve word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions

Social Studies: Our first graders will continue the unit on “Families, Now and Long Ago”. This unit will compare and contrast families today and long ago, how families change over time. They will learn how families of long ago share similarities and differences with families today. They will Look at change in types of homes, buildings and architecture. They will look at changes in clothing styles, work and occupations. They will look at changes in food, leisure time and entertainment. They will look at change in the roles of women and children.

Science: Our students will begin the unit on “Light and Sound”. The building blocks of this unit introduces students to the physical science concepts of light and sound, and that both travel in waves. In the first part of the unit, students use flashlights to explore and then discuss how light travels and how light interacts with different

materials. Students collect evidence of these properties and interactions by manipulating the path of light and experimenting with several materials to see how light interacts with each.

SEL Social Emotional Learning: Our first graders will continue to learn about Self Awareness, Self-Management, Social Awareness, Relationship Skills and Responsible Decision-Making.

Important Information:

Please remember children should be lined up in the schoolyard at 8:35a.m.

Dismissal is at 2:45pm, please be on time.

Parent Communication:

First grade teachers are available for office hours with parents Monday-Friday from 8:00-8:20am. You can email or send a message on Remind to your child's teacher

Class 101 - Ms. Wagman Email: Swagman2@schools.nyc.gov

Google Classroom: lfvwto7 Remind Code: @101wagman

Class 121- Mrs. Sibener Email: TSibener@schools.nyc.gov

Google Classroom: rsqqull Remind Code: @121stars

Class 102 - Mr. Winter. Email : MWinter7@schools.nyc.gov

Google Classroom: 52iousj Remind Code: @102hello

Class 131- Ms. Gomez Email: PGomez8@schools.nyc.gov

Class131-Mr.Cosme Email: JCosme5@schools.nyc.gov

Google Classroom:ga7gd55 Remind Code: @131gomez



Second Grade News..



HAPPY NEW YEAR!! Welcome back everyone and Happy 2022! We are so excited to be back from our winter vacation and we are ready to begin the new year.

Math Topic 5: Subtract Within 100 Using Strategies (Continuation from December)
Common Core State Standards: CCLS- 2.NBT.B.5, 2.NBT.9, 2.OA.a.1 Goal: Students will fluently add and subtract within 100 using strategies based on place value, properties of operations, and/or the relationship between addition and subtraction.

Topic 6: Fluently Subtract Within 100

- Common Core Standards: 2. NBT.B.5, 2.NBT.B.6, 2.NBT.B.6, 2.OA.b.2, 2.OA.a.1
- Goal: Students will be able to subtract within 100 using different strategies.

Topic 7: More Solving Problems Involving Addition and Subtraction

- Common Core Standards: 2. OA.a.1 Goal: Students will be able to solve problems involving addition and subtraction using different strategies.

Reading Growing Word Solving Muscles

- Common Core Standards- RF.2.3, RF.2.3A, RF.2.3B, RF.2.3C, RF.2.3D, RF.2.3E, RF.2.3F
- Goal: Students will become the kind of readers who notice trouble and roll up their sleeves to fix it up. Students will also become the kind of reader who is flexible with their word solving strategies, using what they know about phonics and trying one strategy, and then another, until they figure out the word.

Writing Scenes to Series

- Common Core Standards- RL 2.4, RL 2.5, RL 2.6, W 2.3, W 2.5, L 2.1, L 2.4



- Goal: Students will be able to write a narrative that includes a sequence of events, details about the actions and feelings of my character, and include transition words and a sense of closure.

Science Unit 1- Plant and Animal Relationships (Continuation from September/October/November/January) Common Core Standards: R.I.2.2,2.3,2.4, W. 2.2, 2.7, SL. 2.1,2.1A, NBT.3, NBT.3, NBT.5 Goals: Students will discover and investigate how plant and animals relate to one another.

Social Studies Unit 2- New York City Over Time

- Common Core Standards: CC. 3.2a, 3.1d, 3.1e, 4.1e, 1.1, 1.1a, 1.2, 1.2a 1.3a, 1.3b, 1.4, 1.4b 2.2d, 3.1d
- Goal: Students will continue to look at how NYC has changed over time. We will be learning about many historical places in New York, such as central park, the Flat Iron Building, The Brooklyn Bridge, and The Empire State Building. Students will make observations about how these things have changed over time.

Office Hours

The 2nd Grade team has office hours Monday- Friday from 8:00-8:30 AM.

Upcoming Events

School Closed 1/17- Martin Luther King Jr. Day



Important Information

Please ensure that your child is reading for **25 minutes every night** and logging, completing, and submitting their reading logs. All students should be logging on to MYON and Epic.



Third Grade News...



MATH - TOPICS 6 & 7

TOPIC 6 - CONNECT AREA TO MULTIPLICATION AND DIVISION

WE WILL BE COMPLETING TOPIC 6 WHERE STUDENTS WILL LEARN ABOUT THE CONCEPT OF AREA AND HOW IT RELATES TO MULTIPLICATION AND ADDITION.

TOPIC 7 - REPRESENT AND INTERPRET DATA

WE WILL BEGIN AND FINISH TOPIC 7 WHERE STUDENTS WILL LEARN TO MAKE SCALED PICTURE GRAPHS AND SCALED BAR GRAPHS THAT REPRESENT A DATA SET WITH SEVERAL CATEGORIES. THEY WILL ALSO LEARN TO SOLVE PROBLEMS INVOLVING THE DATA REPRESENTED IN THE GRAPHS.

NEXT GEN STANDARDS: 3.OA 1; 3.OA 2; 3.OA3; 3OA5; 3MD3, 5, 6, 7,

READING - TOPIC 4 - CHARACTER STUDIES

WE WILL RETURN TO FICTION TEXTS. THE GOAL WILL BE FOR THE STUDENTS TO STUDY CHARACTERS, WHAT THEY GO THROUGH, AND HOW THEY REACT TO SUCH EVENTS. IN ADDITION, THEY WILL ALSO STUDY THE WAY THE MAIN CHARACTER INTERACTS WITH SECONDARY CHARACTERS, CHARACTER CHOICES, THEIR MOTIVATIONS, FEELINGS, AND THEIR PERSONALITY TRAITS.

NEXT GEN STANDARDS: RL.3.1; RL. 3.2; RL 3.3; RL 3.4; RL 3.5; RL 3.6; RL 3.9; RL. 3.10; RF 3.3; RF 3.4

WRITING: - TOPIC 4- BABY LITERARY ESSAYS

WE WILL BE WRITING SMALLER VERSIONS OF LITERARY ESSAYS. THE GOAL WILL BE FOR THE STUDENT TO READ A PIECE OR PIECES OF TEXT, THEN FORM A STRONG OPINION (THESIS) ABOUT A PIECE OF THE TEXT, AND THEN SUPPORT IT CLEARLY WITH TEXT

EVIDENCE AND ELABORATION. THEY WILL ALSO BE INCLUDING A LEAD AND A CONCLUSION INTO THEIR ESSAYS.

NEXT GEN STANDARDS: RL. 3.1; RL. 3.4; RL. 3.5; RL 4.1; RF 3.4a; SL 3.1d; W 3.4; W 3.5

SOCIAL STUDIES: TOPIC 2 - STUDY OF CHINA

WE WILL BE WHERE STUDENTS CONTINUE TO EXAMINE DIFFERENT COUNTRIES AROUND THE WORLD. THE COUNTRY WILL STILL BE CHINA. THEY WILL LEARN ABOUT THE COUNTRY, THE GEOGRAPHY, AND THE CULTURE OF CHINA. THEY WILL BE DOING THIS BY INTERPRETING PICTURES, AND TEXTS. THEY WILL MAKE CONNECTIONS AS TO HOW CHINA'S PAST CULTURE, GEOGRAPHY AND HISTORY HAS SHAPED ITS COMMUNITY OF TODAY.

SOCIAL STUDIES STANDARDS: 3.2a & b; 3.3a & b; 3.4a & b; 3.5a & b; 3.9a & b.

SCIENCE - TOPIC 2 - INHERITANCE AND TRAITS

STUDENTS WILL CONTINUE TO EXPLORE PATTERNS IN THE TRAITS OF ORGANISMS TO ANSWER THE QUESTION HOW THESE TRAITS CAME TO BE. STUDENTS WILL ASSUME THE ROLE OF WILDLIFE BIOLOGISTS BY

OBSERVING PICTURES OF WOLVES. THEY WILL TRY TO FIGURE OUT WHY WOLF 44 IS DIFFERENT FROM THE REST OF THE PACK. STUDENTS WILL WORK TO FIGURE OUT HOW WOLF 44 GOT ITS TRAITS BY EXPLORING SIMILARITIES AND VARIATION IN THE TRAITS OF MANY DIFFERENT ORGANISMS.

UPCOMING EVENTS

MONDAY, JANUARY 17th, 2022 SCHOOLS WILL BE CLOSED FOR REV. DR. MARTIN LUTHER KING JR. DAY.



Fourth Grade News...

Reading: Reading History: The American Revolution

In the beginning of January students will begin researching the American Revolution focusing on the skills of main idea, cross-text synthesis, analyzing perspective, and analyzing how part of a text connects to the whole text.

Goal: By the end of the unit, students will practice their skills to synthesize, connect, analyze, compare and contrast, and evaluate their research topics of the American Revolution.

Standards: RI.4.1, RI.4.2, RI.4.3, RI.4.4, RI.4.5, RI.4.6

Writing: Bringing History to Life

Students will be writing informational pieces based on their research of the American Revolution while considering structure, organization, and reporting facts accurately.

Goals: By the end of the unit, students will create a nonfiction piece on the American Revolution utilizing all sources of information through their research.

Standards: W.4.2, W.4.4, W.4.5, W.4.8, RL.4. 1.

Math: Topic 8: Extend Understanding of Fraction Equivalence and Ordering

Topic 9: Understand Addition & Subtraction of Fractions

**Multiplication facts are used regularly in all math topics. Please make sure your child practices multiplication facts (flash cards, online games, etc) until she/he is fluent. This will make math time much easier! **

Students will be introduced to fraction equivalence and comparisons. Then students will be working on adding and subtracting fractions with unlike denominators and mixed numbers.

Goal: By the end of Topic 8, students will be able to calculate equivalent fractions and compare fractions. By the end of the topic 9, students will be able to add and subtract fractions with unlike denominators.

Standards: M.P.1-8, 4.NF.1, 4.NF.1,4.NF.2, 4.NF.B.3D, NF.3a-d



Social Studies: Colonial and Revolutionary Periods

Students will continue to focus on Colonial America with a focus on the American Revolution, specifically the causes and effects of the American Revolution.

Goal: By the end of the unit, students will be able to interpret information presented and analyze it. Students will understand the cause and effect of the American Revolution. They will learn about specific individuals, battles, and resources that shaped the outcome of the American Revolution.

Standards: RI.4.1, RI.4.4, RI.4.7, RI 4.8, RI.4.9, RI.4.5, W.4.2a, W.4.2b, W.4.2c, W.4.2d, W.4.2e

Office Hours

The 4th Grade team has office hours Monday- Friday from 8:00-8:30 AM.

Email Addresses of the Teachers :

- **Class 401**- Ms. Swantak: cswanta@schools.nyc.gov
- **Class 402**- Mr. Mogilevsky: smogilevsky@schools.nyc.gov
- **Class 421**- Ms. Brown:rbrown34@schools.nyc.gov
- **Class 431**- Ms. Gomez: sgomez17@schools.nyc.gov
- **Class 431**-Ms. Mangione: tmangione@schools.nyc.gov

Remind Codes

401- @class401sw

402- @simon402

421- @brown421

431- @431gomez

Google Classroom Codes:

401- dlomglr

402- fghrxz

421- ywxnsug

431- 6u5crg3c

Class Resources:

Amplify: <https://amplify.com/remoteteaching/science/resources>

Epic: <https://www.getepic.com/students>

Ready: <https://login.i-ready.com/>

Myon: <https://www.myon.com/>

Savvas Realize: <https://www.savvasrealize.com/index.html#/>

Sora: <https://soraapp.com/library/nycschools>



Fifth Grade News...



Teachers Information for Parent Communication

501 - Mr. Zach. Email - zweiner@schools.nyc.gov

Google Class Code - [ogx2ler](#) Remind - [@46cf66](#)

502 - Ms. Lloyd Email - jlloyd3@schools.nyc.gov

Google Class Code - [kfgzm6y](#) Remind - [@8abf4gb](#)

521 - Mr. Bedesi Email - tbedesi@schools.nyc.gov

Google Class Code - [3hpywww](#) Remind - [@7839b7](#)

531 - Mr. Palladino & Ms. Schneider

Email - cpalladino@schools.nyc.gov & bschneider6@schools.nyc.gov

Google Class Code - [5l5rxod](#) Remind - [@c8967h](#)

Here's What 5th Grade Is Learning:

Math: Topic 7 - Use Equivalent Fractions to Add and Subtract Fractions

In January students will add and subtract fractions with unlike denominators (including mixed numbers) by replacing given fractions with equivalent fractions in such a way as to produce an equivalent sum or difference of fractions with like denominators.

Math Goal: By the end of the unit, students will deepen their understanding of using equivalent fractions to add and subtract numbers

Standards: 5.NF.A.1 & 5.Nf.A.2



Math: Topic 8 - Apply Understanding of Multiplication to Multiply Fraction

In January students will multiply fractions. There are 3 simple steps to multiply fractions 1. Multiply the top numbers (the numerators). 2. Multiply the bottom numbers (the denominators). 3. Simplify the fraction if needed.

Math Goal: By the end of the unit, students will be able to multiply fractions, their understanding of the topic will deepen.

Standards: 5.NF.B.4a, 5.NF.B.4b, 5.NF.B.6, 5.NF.B.5a, 5.NF.B.5b

Reading: Unit 4 - Argument and Advocacy: Researching Debatable Issues

In January there is an alignment between any reading and writing unit, The Research-Based Argument Essay and Argument and Advocacy were particularly written to complement each other and to be taught simultaneously. Argument is challenging work and students need more practice with reading, evaluating, and making arguments.

Reading Goal: By the end of this unit, students will be able to compose an argumentative essay as they read. Students will research online and read trade books to understand their topics.

Standards: RI.5.1, RI.5.6 & RI.5.7, RI.5.8, RI.5.9

Writing: Unit 4 - Research Based Argument Essay

In January there is an alignment between any reading and writing unit, The Research-Based Argument Essay and Argument and Advocacy were particularly written to complement each other and to be taught simultaneously. Argument is challenging work and students need more practice with reading, evaluating, and making arguments.

Writing Goal: By the end of this unit students will grow ideas about texts, thinking not only about history, but how it affects us today.

Standards: W.5.1, W.5.2, W.5.4, W.5.5, W.5.8 & W.5.9

Social Studies: Unit 4 - Comparative Case Study of Western Hemisphere Cultures: Mexico



In December students will study and continue to reinforce geographical and political content about the U.S. with a particular emphasis on contemporary examples of case studies to help students understand the content.

Social Studies Goal: By the end of this unit students will understand the issues of power, wealth, and morality influence exploration and colonization had on the Western Hemisphere (United States).

Standards: RI.5.1-3, RI.5.5 -6 & W.5.2



Science: Unit 2 - Modeling Matter

In January students will build understandings of what occurs at the atomic and molecular scale. Students apply their understanding that pure substances have characteristic properties and are made from a single type of atom or molecule. They also provide a molecular level accounts to explain states of matter and changes between states.

Science Goal: By the end of the unit, students demonstrate grade appropriate proficiency in developing and using models, and obtaining, evaluating, and communicating information.

Standards: 5-PS1-1, 5-PS1-2, 5-PS1-3, & 5-PS1-4



Important Dates:

January 17th - Martin Luther King Day - **Schools are closed**

Students: Please work on your personal academic goals.

ELA: We are asking students to read every day and write a response to their reading at least twice a week.

Math: Study multiplication tables and pick a strategy that works best for you to complete multistep math problems.

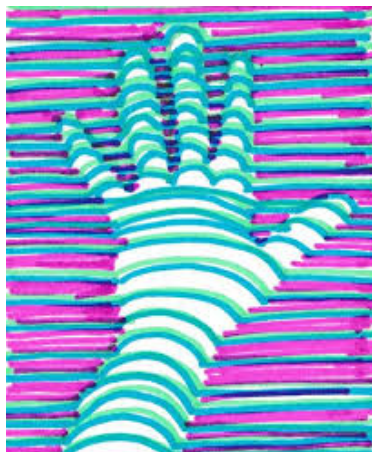


Art News from Ms. Aronow.....

Dear Parents,

I would like to start by wishing you all a Happy New Year. I am excited about all the art we will be making.

The lower grade students will be creating large winter group murals. Working collaboratively children begin to see how, when everyone plays a role in a group, they can come together to create something larger than life. I will be taking a piece from each child and putting it together myself so we can maintain social distancing. **Some lower grades will be studying the work of Keith Haring** and creating a little pop art of their own.



The upper grade students will begin a unit on Op art. They will be creating a variety of different visual optical illusions. Students in fourth grade who study colonial times will be making toys from the period called Thaumatrope.

As always if you need to contact me I can be reached at DAronow@schools.nyc.gov





Music News from Mr. Gerson.....

Music Notes

Happy New Year and hope all are ready to make 2022 a Great Year!!!!



As the students of Grades 2 thru 5 playing Ukulele continue to Strum along with learning to Strum from a C, F and Amin chords. They have been learning to Play songs with 2 or More Chords, like "Yankee Doodle" and will begin to learn the G Chord and expand to songs with 3 chords. Along with learning these chords and they are expanding their Musical Vocabulary. We will be using the New York State Standards for the Arts.

1st Grade has just begun their musical journey with the Ukulele and has started basic strumming and will be advancing onto the C Chord hopefully this month.

Starting soon, we will also be looking forward to preparing for an upcoming Winter Performance. Details to follow, due to the ever-changing COVID Protocols, we are still developing our plan for a safe and wonderful winter performance.

Pre-K and K will continue with Basic Rhythms that develop to be more complex and Vocal Songs. They will learn music with simple singing patterns and familiar theme songs as well as movements

As the winter season storms in we will learn songs of the season and winter fun games. As well as we will be starting to explore songs that they help to create verses to like " Down by the Bay"

Wishing you all a Happy Healthy New Year!!!

Mr. Gerson





Gym News from Mr. Savino and Mr. Dewhirst...

Get ready for the PS 220 Kids heart challenge. Please look for the donation envelope sometime this month. Heart disease is a major problem. We will be learning all about how to keep our hearts healthy and hopefully be able to help others in need. Our school is a proud supporter of the American Heart Association and we have always been able to donate generously to this worthy cause. Let's make this the best year ever. This year is going to be an all virtual kids heart challenge.

Healthy Hint: Be a positive role model. If you are practicing heart-healthy habits, it is a lot easier to convince your children to do the same.

- All students will be learning about heart healthy foods and exercises
- Lower grades will be working on simple yoga poses and learning about the body systems
- Upper grades will be working on more advanced yoga poses and learning about all systems of the body

Please remember to send your child to school with sneakers and sweatpants on their assigned gym day. Check with your child's teacher to find out what day the class has gym. Our PS 220 t-shirts and sweatpants are available year-round. Please see our Parent Coordinator, Ms. Torres if you would like to make a purchase.

If you would like to request a meeting, you can reach us to us any day from 8:00 am - 8:30 am. Please contact us through Email: adewhirst2@schools.nyc.gov, Msavino@schools.nyc.gov or Phone: 718-592-3030



Science News from Mr. Kusik

Kindergarten students will continue taking on the role of engineers as they investigate forces such as pushes and pulls. Students will take on the role of pinball engineers to explore how pinball machines allow people to control the direction and strength of forces on a ball. They will conduct tests on their own prototypes of a pinball machine (called Box Models) and use what they learn to solve the design problem of creating a Class Pinball Machine.

PS2.A: Forces and Motion:

Pushes and pulls can have different strengths and directions. (K-PS2-1) (K-PS2-2) Pushing or pulling on an object can change the speed or direction of its motion and can start or stop it. (K-PS2-1) (K-PS2-2)

Kindergarten Google Classroom Code: jxjlcvn

Second grade students in this unit will continue taking on the role of glue engineers and use engineering design practices to create a glue for use at their school, which serves as the design problem for the unit. They conduct hands-on investigations to observe properties of a variety of possible glue ingredients and learn how certain materials respond to heating and cooling. They will apply their understanding of how properties of ingredients affect properties of mixtures.

PS1.A: Structure and Properties of Matter:

Different kinds of matter exist and many of them can be either solid or liquid, depending on temperature. Matter can be described and classified by its observable properties. (2-PS1-1) PS1.B: Chemical Reactions

Second Grade Google Classroom Code: 7h5hboi

Third grade students continue assuming the role of wildlife biologists helping a class of students near the fictional Graystone National Park to solve the mystery of Wolf 44, a wolf they have observed to be different from the rest of its pack. As wildlife biologists, students work to figure out how Wolf 44 got its traits. By exploring similarities and variation in the traits of many different organisms, students are able to draw conclusions about how Wolf 44 got its traits.



LS3.A: Inheritance of Traits: Many characteristics of organisms are inherited from their parents. (3-LS3-1) Other characteristics result from individuals' interactions with the environment, which can range from diet to learning. Many characteristics involve both inheritance and environment. (3-LS3-2)

Third Grade Google Classroom Code: ai6zphs

Fourth grade students will continue to investigate the role that animal senses, primarily vision, play in survival as they try to understand a realistic fictional problem with a real organism. They investigate why there is a decline in the number of Tokay geckos living in one area of a rain forest in the Philippines. Throughout their investigations, students use an interactive digital simulation that allows them to explore two key ideas. How light travels in a way that allows an animal to see. How animals internal structure works together to process information and form an image the animal can recognize.

LS1.A: Structure and Function: Plants and animals have both internal and external structures that serve various functions in growth, survival, behavior, and reproduction. (4-LS1-1) LS1.D: Information Processing

Fourth Grade Google Classroom Code: 53drhvd

Fifth Grade students will continue taking on the role of food scientists working in a lab for a large food-production company. They engage in two investigations, one to identify a potentially hazardous food dye in a mixture, and the other to create a good-tasting and visually appealing salad dressing that does not separate into layers and contains no sediment. Both investigations offer the opportunity for students to delve deeply into understanding the particulate nature of matter.

PS1.A: Structure and Properties of Matter: The amount of mass in matter is conserved when it changes form, even in transitions in which it seems to vanish. (5-PS1-2) Measurements of a variety of properties can be used to identify materials. (5-PS1-3)

Fifth Grade Google Classroom Code: nmetoma





Computer Science from Mr. Gross

“It’s supposed to be automatic, but actually you have to push this button.” — John Brunner, *Stand on Zanzibar*

Happy New Year. We hope you had a restful and relaxing winter break!

During the month of January, our students in Computer Science will be immersed in a number of challenging and exciting educational projects.

Grades K-2: Our students will continue to enhance their keyboarding skills and work with Scratch Jr. programming. Students will learn to use the start on green flag and end blocks, as well as how to choose new characters. Through various interactive activities, children will learn how to incorporate the green flag and end blocks into their programs, and will also become familiar with how to program more than one character using the green flag, program a character to start when the green flag is touched, use the end block to signify the end of a program, choose a new character, program multiple characters to start when the green flag is touched.

Grades 3-5: Our students will expand on their coding work. This month the focus will be incorporating the concept of looping. Students will create programs with sequencing, loops, and events. They will investigate problem-solving techniques and develop strategies for building positive communities both online and offline. By the end of the course, students will create interactive games that they can share.

Parent Communication:

Feel free to contact me via email at rgross3@school.nyc.gov , or from 8am-8:20 a.m. Monday-Friday via Zoom



English for New Learners News From The ENL Team

TITLE III

The Title III afterschool program continues this month. **Grades 3, 4 and 5** meet on **Wednesdays and Thursdays** through Wednesday, January 26th.

The Title III program for grades **1 and 2 begins on Thursday, January 27th**. The program enhances the education of Multilanguage Learners in becoming proficient in English. Students will receive support in English Language Arts (ELA) and Science, Technology, Engineering, Art, Math (STEAM).

Parent notification letters for grades 3, 4 and 5 were sent out in December. Students who have not yet done so may still join the program. Parent notification letters for grades 1 and 2 will be sent out mid-January 2022. Dates and times for the entire program will be listed there. Please return permission slips to your child's classroom teacher.

ENL teachers provide support to students in both English language acquisition and for learning academics across content area subjects. Regular interaction with the ENL teachers will help your child achieve academic success.

If you have any questions or concerns, feel free to reach out to us.

Grades K & 1 Ms. Martinez KMartinez6@schools.nyc.gov

Grades 2 & 3 Ms. Costa jcosta2@schools.nyc.gov

Grades 4 & 5 Ms. Gerber SGerber3@schools.nyc.gov



January

Sun	Mon	Tues	Wed	Thurs	Fri	Sat.
						1 
2	3 Service Learning Guide Dog Foundation	4	5 Town Hall Meeting At 6pm	6	7	8
9	10  Picture day ONLY 5th grade	11  At 9:30am	12	13 Art & Craft Family Funday at 3:20pm PuppetWolf	14 attendance MATTERS every student - every day  Mr. Castro At 9:30am	15
16	17 	18 Parental Involvement 	19 Parental Involvement 	20 Parental Involvement 	21  Election At 9:30am	22
23	24 Art & Craft Family Funday at 3:20pm Pop-Up NYC	25	26	27 Art & Craft Family Funday at 3:20pm Rainbow family Handprints	28	29
30	31 VIRTUAL Parent Workshop Emotion with Playdough 9:20AM					



Academic Recovery every Tuesday & Wednesday 2:50-4:50pm
 Title III for Upper grade Wednesday & Thursday 2:50-4:50pm
 Casa program every Tuesday and Wednesday 4:15-5:30pm