

# Sabin Middle School Newsletter



## Science

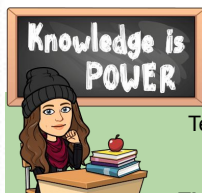
Teacher:  
**Sam Gill**

8th graders just wrapped up a chapter on foundational energy concepts. Students shared their initial ideas about energy and then explored both virtual and hands-on systems to identify examples of energy. They were introduced to a formal definition of energy, and they learned to differentiate between kinetic energy and potential energy. Students will be learning how to capture human energy in the next chapter.

7th graders just wrapped up an investigation of habitability on Mars; students compared Mars and other rocky planets to Earth. Students considered a channel shaped by geologic processes on Mars, comparing it to landforms shaped by known geologic processes on Earth. Students have been introduced to scientific argumentation through an investigation of what caused the formation of the channel on the surface of Mars. Students will be learning how models offer a way to gather evidence about processes that are difficult to directly observe in our next chapter!

Los estudiantes del 8th acaban de terminar un capítulo sobre conceptos de energía fundacional. Los estudiantes compartieron sus ideas iniciales sobre la energía y luego exploraron sistemas virtuales y prácticos para identificar ejemplos de energía. Se les introdujo una definición formal de energía, y aprendieron a diferenciar entre energía cinética y energía potencial. Los estudiantes aprenderán cómo capturar la energía humana en el próximo capítulo.

Los estudiantes del 7th grado acaban de terminar una investigación de habitabilidad en Marte; los estudiantes compararon Marte y otros planetas rocosos con la Tierra. Los estudiantes consideraron un canal formado por procesos geológicos en Marte, comparándolo con formas terrestres formadas por procesos geológicos conocidos en la Tierra. Los estudiantes han sido introducidos a la argumentación científica a través de una investigación de lo que causó la formación del canal en la superficie de Marte. Los estudiantes aprenderán cómo los modelos ofrecen una manera de reunir evidencia sobre procesos que son difíciles de observar directamente en nuestro próximo capítulo!



## Social Studies

Teacher: Mrs. **Jessica Taylor**

### The Social Studies curriculum

for the 8th grade is focusing on Civics for the first semester. This will fulfill the 8th grade Constitution requirement. Currently in Civics we are discussing rights and responsibilities and how that looks in the CPS Code of Conduct. Students have been addressing their responsibilities in the classroom and community as a whole. In 7th grade we are reviewing primary and secondary sources by using an evidence based project.



## Diverse Learners

Teacher: **Ms. Rina Manlapaz**

For ELA: The 7th graders will start Unit 1: Building Background Knowledge Perspectives in South Sudan while the 8th Graders work on Building Background Knowledge: Fleeing Home  
For Math: The 7th Graders work on Rational Number Operations while the 8th Graders continue with the Set of Real Numbers  
[mcmmanlapaz@cps.edu](mailto:mcmmanlapaz@cps.edu)

## Language Arts

Teacher: **Ms. Patricia Hernandez**

Middle school will focus this month on the plot structure of a variety of novels as well as how each author develops characters through internal and external dialogue and their interactions with their social structure. We will also be focusing on grammar activities, quick writes and figurative language. In addition, when students do not finish classwork, they are expected to finish the assignments for homework. If there are any questions or concerns please feel free to contact me at [phernandez4@cps.edu](mailto:phernandez4@cps.edu).



## Math



Teacher: **Mr. Juan Madrigal**

Dear Family,

The eighth grade students will be learning to identify and work with different types of real numbers, such as integers, rational numbers, and irrational numbers. This will include comparing real numbers, evaluating square roots and cube roots, simplifying expressions involving exponents, and working with numbers written in scientific notation. Students will also be using the math on-line program IXL to reinforce skills. Please make sure your child is using the program at home at least twenty-minutes each day. Please encourage your child to complete homework assignments and keep up with IXL practice skills assignments.