

AR Johnson Health Science and Engineering Magnet School 2020-2021

6th Grade Earth Science Syllabus

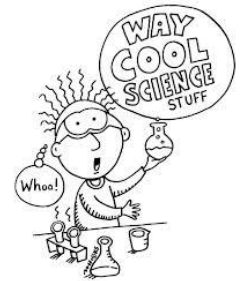
Dear Parents and Guardians,

My name is Donita Legoas. I have been teaching for twenty-two years, have a teaching degree from Indiana University and a Master's Degree from Lesley University. I am very excited to have the opportunity to teach your child science this year. I believe that teachers need to work closely with parents and students to provide a positive atmosphere of communication and consistency. I will work diligently to educate your child so the first year here at AR Johnson will be a time of growth and success. I am confident that we are going to have a productive and successful school year. I thank you in advance for your support, and I look forward to a terrific year here at AR Johnson Magnet School!

Sincerely,

D. Legoas

Email: legoado@BOE.Richmond.k12.ga.us



The 6th grade Earth science curriculum includes the following units:

September	<u>Lab Safety and Rocks and Minerals:</u> Students will conduct investigations to identify various minerals and rocks, which are both referred to as Earth's natural resources.
October	<u>Weathering, Erosion, and Deposition:</u> Students will explore that earth processes such as weathering, erosion, deposition, and human activity affect the shape of the land. Students will actively examine various types of soil and understand that soil is composed of weathered rock and organic matter; a natural resource that must be monitored, managed, and protected.
October	<u>Inside the Earth:</u> Students will understand the characteristics of Earth's inner layers and recognize that the theory of plate tectonics explains the formation of many of Earth's continental and ocean features as well as geologic events, such as volcanoes and earthquakes.
November	<u>Water and Earth's Processes:</u> This unit addresses the movement of water through the crust, ocean, and atmosphere. Students will recognize the distribution of water on earth and the significant role of water in earth processes.
December- January	<u>Climate and Weather:</u> Students will realize that the movement of the Earth and unequal heating of its surface cause weather patterns and events. In addition, students will understand that oceans are important sources of water, energy, and minerals.
February- March	<u>Universe & Solar System:</u> Students will research the theories behind the origin of the universe. In addition, the students will review that the universe is made up of stars and galaxies, and within our galaxy are planets and their moons, comets, meteoroids, asteroids, and the sun, which makes up our solar system. Students will discover that many common observations, such as seasons, eclipses, and lunar phases, are caused by interactions between the Sun, Earth, and moon.
March- April	<u>Human Impact/Yearly Review:</u> Students will understand that human activities impact the availability of renewable and nonrenewable resources and there are ways to conserve these natural resources.
April-May	<u>7th Grade Preview Unit: Organization of Living Things:</u> This unit will lead students through investigations of organisms' organization from basic to complex.

Supplies Needed for Science:

2 composition books	Blue or Black Pens and pencils	Pocket folder
Flash drive	Earbuds	
Colored pencils, markers, or crayons	Loose leaf paper	Agenda
Clorox wipes, tissues, & Hand Sanitizer for in-person students		

At a future date, students will need a composition book or spiral notebook for the **required science fair project**. Notices will be sent at a later time when this is needed.

Grade Distribution:

- Summative Assessments (Tests, Daily Notebook, Projects): 50%
- Formative Assessments (Classwork, Labs, Mini Projects, Quizzes): 40%
- Homework (Assigned at the beginning of the week and posted on webpage): 10%



Late classwork will have a 10% point deduction for each day it is late. **Late HW will not be accepted unless student was absent with an excused absence.**

Extra Help and Grade Recovery: Extra help/tutoring is available after school on Wednesday from 3:25-4:00. (Student must See Ms. Legos in advance to schedule.)

Students who received a score below 70 on tests will be allowed to redo the test by submitting a Request to Retest form. The form must contain both the student's signature and that of a parent or guardian. The original test and evidence of preparation (flashcards, study sheets, etc.) must be attached. Students who fail a grading period will be provided online Grade Recovery assignments to assist in remediation. Successful completion of the assignments will earn the student a passing grade for the quarter.

***Parents, you are encouraged to log-in to the Parent Portal of Infinite Campus to check your child's ongoing progress in each class.**

Classroom Rules

1. Be on time and be prepared. (Seated quietly with all materials working on the warm-up when the bell rings.)
 2. Be respectful of yourself, the teacher, school staff, and others.
 3. Conduct yourself in a manner that is safe, considerate, and responsible.
 4. Respect the property of others. (If it's not yours, LEAVE IT ALONE!)
 5. No food, candy, or gum in the classroom.
 6. Cell phones and electronics are only to be out or used when a teacher instructs it is time to use them.
- Failure to follow class rules may result in the following consequences: warning, before or after school detention, parent notification, time-out with another teacher, loss of privileges, or an office referral.

Class Remind System: This year I'm using Remind to send updates about important class information. To sign up for ARJ 6th Grade Science 2020-21 notifications, please visit <https://www.remind.com/join/b82b6c8> if you are a face-to-face student or <https://www.remind.com/join/74hk78> if you are an online student.

I would love to have 100% parent participation!