

***6th Grade Science 2019-2020***

Mrs. Krista McLeod

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Conference period: 9:30-10:20

Main Office Phone: 586-727-7552

Mrs. McLeod’s Room: 586-727-7552 ext 2508

Welcome to **science**! I am really looking forward to the wonderful year of learning we will have as we explore several key concepts in science.

**Course Overview and Description**

Students will gain a greater understanding of the nature and structure of scientific knowledge and will learn to recognize evidence and ways to think about designing solutions to problems.  In science students will explore energy in action, as to how things move and transfer energy. Investigate ecosystems as they gain in-depth knowledge of the biotic and abiotic factors influencing the balance of the ecosystem.  Students will deepen their understanding of energy through investigations demonstrating the transformation of kinetic energy and energy transfer by radiation, conduction, or convection.

**Quarter 1-Energy in Action**

**Quarter 2 - Forces and Motion**

**Quarter 3-Common Ancestry and Diversity**

**Quarter 4-Ecosystems**

**Textbooks and Supplemental Material**

Online textbook – Discovery Education

https://www.[discoveryeducation](https://www.discoveryeducation.com/).com/

Login: username- email

password – richmond

**Standard Based Grading**

For the 2019-2020 RMS school year, we will be moving towards standard based grading. Students will be evaluated in Learning Qualities and Academics.

**Learning Qualities Learning Quality Rubric**

* Self-directed learner 1 - Consistently
* Homework 2 - Sometimes
* Integrity 3 – Needs Improvement
* Neighborly
* Engaged

**Academics**

* AP – Advance proficient
* P – Proficient
* PP – Partially proficient
* NP – Not proficient

**Summative Assessments**

If a student is absent on the day of a summative assessment, they are expected to make up the assessment on the day that they return to school.

**Retakes**

Students will be allowed to retake assessments as they work towards proficiency in the Science Standards.

* Students are expected to have all assignments turned in before retaking assessments.
* It is to be understood that the retake assessment may not be in the same format as the original assessment.

**Formative Assessments**

* Are due on the day after they are assigned unless otherwise stated.
* Points may be deducted for late assignments
* Late assignments will not be accepted after the summative assessment is given for that unit.

**Absences**

All daily assignments are posted in my classroom and on my website [mcleodsci.weebly.com](https://richmondk12mius-my.sharepoint.com/personal/kmcleod_richmond_k12_mi_us/Documents/mcleodsci.weebly.com)

Students are responsible to check the assignment board after an absence and retrieve any missing work. Students will have the same number of days they were absent to turn in missing work.

* Homework assigned before an absence is to be turned in upon return to school.

**Classroom Agreements**

1. Be Respectful – to adults, fellow students, and school property.
2. Be Prompt – be on time and *in your seat* when the bell rings.
3. Be Prepared – have all required materials with you (pencil pouch, composition notebook, binder and textbook).
4. Be Responsible – have your work done properly and on time.

Classroom agreements are very important so that we have a safe and productive learning environment. In case some of the rules are broken, the following step discipline plan will be implemented.

1. A warning
2. A minute after class and a phone call or email home.
3. A trip to the office.
4. A severe disruption will move directly to step three.

**Policies**

* Students must bring their planner to class every day. It is an important organizational tool and their hallway pass.
* Bathroom breaks are to be taken between classes, unless it is an emergency.
* Cell phones are to remain in student lockers and are to be turned off.
* No backpacks and jackets allowed in the classroom.
* Students are expected to follow the Richmond Middles School Handbook at all times.

**Suggested Supply List**

* Spiral notebook
* One pack wide-ruled loose leaf paper
* Zipper pencil pouch containing---pencils, sharpener, highlighters, red pen, scissors, glue stick, erasers, dry erase marker
* Colored pencils
* One box Kleenex
* Earbuds for computer work

Let’s Have a Wonderful Year!!**Please sign after reading and return signed page by Friday, September 13.**

**Return bottom portion only**

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I have read and understand Mrs. McLeod’s course syllabus for **6th Grade Science \_\_\_\_\_ hour.**

Student name *printed* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Student *signature* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent/Guardian name *printed* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent/Guardian *signature*  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Please make notes of seating arrangement requests or any needs or concerns\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_