

***7th Grade Science 2019-2020***

Ms. Scherie Bercel

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Website: Bercel.weebly.com

Conference period: 7:40-8:30

Main Office Phone: 586-727-7552

Ms. Bercel’s Room: 586-727-7552 ext 2304

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**

In 7th grade Science the students will be covering a variety of subjects in order to prepare them for 8th Grade Science as well as future science studies.  They will spend the first part of the year studying waves in all their forms and all aspects including length, amplitude and power as well as studying the relationships of pitch and frequency in audible waves. (approx. 9 weeks)

We then will move our studies to physical and chemical changes and the properties of matter. We will explore how matter moves through different states, the properties in each state, and we will also have an introduction to the period table. (approx. 7 weeks)

Next we will study cellular structure and function (approx. 6 weeks), which will lead us into reproduction and differentiation, and the study of genetics. (approx. 8 weeks)

**Textbooks and Supplemental Material**

Science Explorer by Prentice Hall

Online textbook – Discovery Education

**Discovery Education student login:**

Username – school email address

Password - richmond

**Standard Based Grading**

We will be using 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 Bercel.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 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**

* Binder with divider pockets for each subject
* Composition or 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
* Crayons
* One box Kleenex
* Roll of paper towel
* Hand soap
* Earbuds for computer work

Let’s Have a Wonderful Year!!

**Please sign after reading and return signed page by Wednesday, September 11.**

**Return bottom portion only**

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I have read and understand Ms. Bercel’s course syllabus for **7th 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\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_