**RAA Middle School**

 **7th Grade Comprehensive Science**

**Mrs. Gamble**

**E-Mail:** **gambleb@leonschools.net**

**Website:** [www.leonschools.net/gambleb](http://www.leonschools.net/gambleb).

**Our Class Expectations**

**Raise** our hands

 our confidence

 our expectations

**Respect** ourselves

 our classmates

 our teacher

 our environment

**Follow** class procedures all directions

 school policies

 ...the FIRST TIME!

**Consequences** for not following rules are:

1. Warning

2. Behavior Think Sheet/Parent Contact

3. Lunch Detention

4. Referral to Office

**What You Can Expect**

* I will **challenge you** to think and use your brains!
* I will **help you** to survive this course in any way I can, but especially by being available for questions and conversations throughout the day or any time via email.
* I will be **nice to you**– **you’ll need it!**

**What I Expect**

* You will arrive on time every day with all of your materials. This includes going to **your locker before class!** Upon entering the classroom,
* I expect that you will sit in your assigned seat and begin completing the daily bell ringer. If you are not in your seat when the bell rings you are tardy!
* Bathroom or water passes will only be written for true emergencies, using your agenda book—**no agenda,** no pass!
* If you are absent, it is up to **YOU** to get any makeup work.
* You will **follow the behavior expectations** outlined in class and in the RAA handbook. **No exceptions!**
* You will **come to me for help** when you need it!
* You will **help each other,** and you will learn from each other.
* You will **be nice to me**—I’ll need it too!



**Things You will need EVERY DAY**

**(Required Materials)- Change as of January 2019**

* **Textbook** This is a write in textbook that **can be stored in the classroom**. Student will remove chapters for reading as assigned.
* **½ inch 3- Ring Binder**
* **2-plastic 3 prong folders** – This will hold quizzes, exams and any other documents that do not go in the ISN as well as serve as a homework folder.
* **Pencil/Pen and Eraser**

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

**Please bring in one small item for your period:**

**1st Period ONLY:** Paper Towels; **2nd Period ONLY** 2 boxes of Kleenex **3rd Period ONLY** Clorox wipes ; **5th Period ONLY**  clear tape **6th Period** 1 ream of color paper

***\*\*\*\*\* Students will receive a special treat for bringing in items from our wish list \*\*\*\*\*\*\****

**Grading Policy**

**Assessments (Tests/Quizzes/Projects) - 60%**

You can expect a test as we complete each major big idea or topic. These will be announced in advance and we will spend class time reviewing and preparing.

 Throughout the course of the year, several projects and other standards-based assessments will be assigned. These assessments will be evaluated by a rubric specific to the topic to which it pertains.

**Classwork/ Labs/ Notebook Checks - 30%**

Your classwork grade will be determined based on completion of tasks in class. Group work and lab work is a regular component of this class, and your ability to work well with others will be a factor in your grade! Additionally, you will have regular notebook checks/quizzes

Participation and readiness is also a part of your classwork grade. This is based on your class preparation, your willingness to do the work assigned, your effort, your helpfulness, and your ability to seek out help when needed. There will be occasional notebook and supply checks to ensure that you are coming to class prepared and ready to think

**Homework - 10%**

Homework is essential to your mastery of topics discussed and it is therefore expected that you will thoroughly complete all homework assignments. Reduced or No credit will be given if work is turned in after the due date! If there is an extremely extenuating circumstance, please see me.

**Grading Scale**

A - 90-100 ( 4 points)

B - 80-89 (3 Points)

C - 70-79 (2 points)

D - 60-69 (1 point)

F - 0-59 (0 points)

**A minimum of four points must be earned for the year in each academic subject. A student MUST make at least 1 point each semester!**

**Student Citizenship**

**4 - Exemplary- Exceeds Expectations**

**3 - Constantly Meets Expectation**

**2 - Inconsistently Meets Expectations**

**1 - Rarely Meets Expectations**

Failure to follow classroom rules and inappropriate behavior will result in a reduction of citizenship.

A 30 minute detention may be assigned with this reduction, depending on the infraction.

**PLEASE NOTE: All students start at a 3** and must work up to a 4.

**Communicating with Mrs. Gamble**

*Lets Talk!! I expect and encourage you to reach out to me anytime you need any help. Open and positive communication is essential to a productive work environment. Below you will find all means of communication available to both you and your parents!!*

**E-mail:** **gambleb@leonschools.net** **RAA Phone:** 850.488.6287 **(Before & After School)**

**Website:** [www.leonschools.net/glambleb](http://www.leonschools.net/glambleb)

**Parent Portal/Gradebook/FOCUS:** Please check your student’s grades frequently. Grades will be updated at least every two weeks.

**Remind App:** Through this app I will send out reminders for MAJOR PROJECTS , Tests and Quizzes. A handout will be distributed with instructions.

**You are ALWAYS welcome to come see me for extra help before and after school, but PLEASE notify me IN ADVANCE.**

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| **Curriculum Overview**  |
| **1st Nine Weeks** | **2nd Nine Weeks** | **3rd Nine Weeks** | **4th Nine Weeks** |
| **~~Safety 2 days~~****~~Practice of Science 2 wks~~****~~SC.7.N.1.1~~**~~- Experimental Design~~**~~SC.7.N.1.2~~**~~- Repetition vs Replication~~**~~SC.7.N.1.3~~**~~-Experiment vs Investigation~~**~~SC.6.N.1.4~~*~~-~~*** ~~Variables (Independent and Dependent)~~ **~~SC.7.N.1.5~~**~~- Different Methods of Investigation by Field~~**~~SC.7.N.1.6~~**~~- Scientific Evidence~~**~~SC.7.N.1.7~~*~~-~~*** ~~Scientific Sharing and Debate~~**~~SC.7.N.2.1~~**~~-Charcteristics of Scientific Knowledge~~**~~SC.7.N.3.1~~**~~-Theories and Laws~~**~~SC.7.N.3.2~~**~~-Scientific Models~~**~~Topic #1 3 wks~~****~~Thermal Energy and Heat Flow SC.7.P.11.2~~**~~-Forms of Energy and Energy Transformations~~**~~SC.7.P.11.3~~**~~-Conservation of Energy~~**~~SC.7.P.11.1~~**~~-Heat and Temperature~~**~~SC.7.P.11.4~~**~~-Heat Flow~~ ~~\*SC.7.N.1.1~~**~~-~~** ~~Experimental Design~~ | **~~Topic #2 3 wks~~****~~Waves and Light SC.7.P.10.3~~**~~- Wave Properties~~ **~~SC.7.P.10.1~~**~~- Electromagnetic Spectrum~~**~~SC.7.P.10.2~~**~~- Reflect, Refract, Absorb~~~~\*SC.7.N.1.3-Experiment/Investigation~~~~\*SC.7.N.1.4- Variables~~**Topic #5 2 wks****Geological Time**  **SC.7.E.6.4**- Geological time **SC.7.E.6.3**- Age of Earth\*SC.7.N.1.7-Debate**Topic #3 3 wks****Earth’s Layers****SC.7.E.6.1**- Earth’s Layers**SC.7.E.6.2**- Rock Cycle \*SC.7.N.3.2- Models ***\*Assignments, lesson plans, and syllabi are subject to change based on the needs of the class.*** | **Topic #4 4 wks****Plate Tectonics****SC.7.E.6.5**- Plate Tectonic Theory and Evidence**SC.7.E.6.7**- Heat Flows/Movement within Earth\*SC.7.N.3.1-Theory\*SC.7.N.3.2- Models**Topic #6 1 wk****Human Impacts on the Environment** **SC.7.E.6.6**- Human Impacts\*HE.7.C.1.3 Environmental Factors Affecting Personal Health**Topic #7 4 wks****Heredity and Reproduction****SC.7.L.16.3**- Meiosis and Mitosis (Sexual and Asexual Reproduction) **SC.7.L.16.1**- DNA and Other Genetic Material**SC.7.L.16.2**- Punnett Square/Pedigrees**SC.7.L.16.4**- Biotechnology **\***SC.7.N.1.7**-** Debating Science  \*SC.7.N.2.1-History of Science  \*SC.7.N.3.2- Scientific models | **Topic #8 4 wks****Diversity and Evolution** **SC.7.L.15.1**- Fossil Evidence and Theory of Evolution**SC.7.L.15.2**- Natural Selection**SC.7.L.15.3**-Adaptation **\***SC.7.N.3.1- Theories /Laws \*SC.7.N.1.7- debate/ confirmations \*SC.7.N.2.1- scientific knowledge changes **Topic #9 4 wks****Ecosystems****SC.7.L.17.2**-Interdependent Relationships**SC.7.L.17.1**-Energy Flow in Ecosystems**SC.7.L.17.3**-Dynamic and Resilient Ecosystem  \*SC.7.N.1.3- Experiment/Investigation \*SC.7.N.1.4- Variables \*SC.7.N.1.2- Replication/ Repetition**Topic #11 Human Growth and Development****HE.7.C.1.8**-Unhealthy/Risky Behavior**HE.7.C.1.3**-Environmental Factors/ Health  |

 **Student Information Sheet** 

I have read the syllabus and understand the rules and expectations outlined.

Student Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent/Guardian Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Student Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class Period\_\_\_\_\_\_\_\_\_\_\_\_\_

Preferred Name/Nickname: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Mailing Address:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Birthday:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (please include year)

Parent/Guardian 1:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Parent/Guardian 2:\_\_\_\_\_\_\_\_­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

E-mail 1: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ E- Mail 2: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Work #: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Work #:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Cell Phone #:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Cell Phone #:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

I have Internet access at home: YES NO

Extracurricular Activities: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Class Schedule

1st Period \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Class Room # Teacher

2nd Period \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Class Room # Teacher

3rd Period \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Class Room # Teacher

4th Period \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Class Room # Teacher

5th Period \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Class Room # Teacher

6th Period \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Class Room # Teacher