**Science Syllabus 2019- 2020 – 6th grade**

**Instructor: Mrs. Stortzum**

 **Resident Teacher**: **Mr. Trejo and Ms. Ferguson**

**Room**: 156

**E-mail**: lisa.stortzum@slps.org

**Website**: http://stortzum.weebly.com

**School phone number**: (314) 773-0027 Please leave a brief message and we will return your call as soon as we can.

**Course Description**:

Throughout the year, this course will provide opportunities for students to develop scientific process skills, laboratory techniques, and understanding of the fundamental

aspects of the surrounding world. Students will explore the concepts of:

**Ecology** – matter and energy, ecosystems, cycling of matter, and relationships within ecosystems

**Earth Systems** – water cycle, air circulation, weather and climate.

**Planetary Systems** – planet formation, orbits, scale of plants and solar systems

**Forces and Energy** – magnetism, electricity, gravity, orbital motion

This course will require extensive hands-on laboratory exercises investigating biology, ecology, forces, energy and earth systems. Classwork (homework if not finished in class),

projects, labs, tests, and presentations will be required with each unit of instruction. Each student will be required to complete a science fair project by the end of third quarter.

**Objectives/Goals:**

• Teach students practical scientific skills, which can be used to investigate study and explain the surrounding world.

• Provide students with the skills to recognize the impact science has on daily life.

• To encourage students to be more independent and responsible learners, in order to be better prepared for high school and college.

**Standards:**

The course aligns with the Missouri Learning Standards and Next Generation Science Standards for added rigor. These standards can be found:

<http://dese.mo.gov/college-career-readiness/curriculum/missouri-learning-standards>

<http://www.nextgenscience.org/sites/ngss/files/HS%20LS%20topics%20combined%206.13.13.pdf>

**Classroom Expectations:**
**1.    We respect each other.**

Show respect for the teacher, yourself and others at all times

Respect others’ property

Please pick up after yourself

Respect yourself and the rest of us by using appropriate language

Be a kind person

**2.     We try our best.**

Always do your own best work

Put learning ahead of getting good grades (*Your “I can” is more important*

*than your IQ!)*

Put quality ahead of just “getting it done”

**3.     We are a team.**

Have a positive attitude

Form relationships with others in the class

Seek and benefit from diverse people/perspectives

**4.     We learn from our mistakes.**

Humans were not made to be perfect

Being able to try again and make something better is one of the perks of making mistakes

**5.     We create.**

Come prepared for class (bring all materials to class each day)

Take pride in your work

Remember that the work that you turn-in is a reflection of your effort on the

assignment

**6.     We celebrate each other's success.**

 “If your actions inspire others to dream more, learn more, do more, and

 become more, you are a leader” John Quincy Adams

**Classroom Procedures**:While in this class, students are expected to:
1. Be in your seat, and ready to work on your “Do Now” when the class bell rings.

2. Bring all required materials to class each day.

 Required Materials and supply list

* 1. **A blue or black pen, and a pencil**
	2. **Colored pencils**
	3. **Glue Sticks**
	4. **A science ONLY binder filled with lined paper *or* a 3 subject notebook and folder**
	5. **Any assignments due**

3.  Follow instructions the first time the instructions are given.

4.  Participate responsibly in classroom activities and discussions.

5. No food is allowed in class.

6. Turn in your work to the proper tray. If you do not finish the assignment it needs to be completed for homework and turned in the following class day.

7. Students are to remain in their seats until the bell rings and are not to pack up early or gather at the door.

8. If you are absent:

* - It is your responsibility to obtain any missed work.
* - Ask your group what you missed and/or follow-up with the teacher before or after
* school to obtain assignments missed while absent.
* - Make up any tests missed within 2 school days of your return.- Make up any in-class assignments within 2 days of your return.

9. Late Work
 Students should make every effort to complete work on time.  Timely completion of work

 allows all students to be prepared for the day's activities, and it instills a valuable work

 habits. For these reasons, late work will result in a reduction of grade by 10%.

10. Grading:

|  |  |
| --- | --- |
| * **Grades**
 | * **Percentages**
 |
| * **A**
 | * **89.5-100%**
 |
| * **B**
 | * **79.5 – 89.4%**
 |
| * **C**
 | * **69.5 – 79.4%**
 |
| * **D**
 | * **59.5 – 69.4%**
 |
| * **F**
 | * **59.4 or below**
 |

The Saint Louis Public School District requires teachers to use online grading format SIS Parent Portal. This is an account that is set up by the district, and will be used by all teachers at McKinley. This online tool is essential for families to utilize in order to monitor student progress. To view grades you must log into SIS Parent Portal. SIS Parent Portal will also have the most up-to-date grades for students.

**Homework/Tests:** Formative Assessments (classwork/homework, interactive journals, Do Nows, labs) will make up approximately 25% of the students grade. Summative Assessments (presentations, tests, science fair project) will make up approximately 75% of the students grade.

11. **\*\*\*Cheating is NOT tolerated and will result in a ZERO on any**

**assignment for all individuals involved. Cheating includes plagiarism; plagiarism is passing of someone else’s work or ideas as your own.\*\*\***

12. Students who choose to violate classroom rules will receive one of the following consequences.  The nature of the violation will determine which consequence is applied:

 **McKinley Safe Seat Process**
          1.  Verbal Reminder and Redirection of Behavior
          2.  Verbal Warning
          3.  Safe Seat Assigned

* + 1. Reflective Process
		2. Teacher/Student Conference
		3. Parental Contact

4. Immediate removal from class for severe violations.

**Communication procedures with parents and families*:***

We encourage parents and families to be an active part of their child’s education.

We know that you want your child to succeed. We want to give you the information you need to maximize their success.

 **There are 3 important things you can do to help your student succeed:**

* + - 1) To make sure he/she is in class every day.
		- 2) To be aware of and involved in what we are currently studying.
		- 3) To check SIS Parent Portal throughout the quarter to stay informed of your student’s progress.

Important information will be posted on the classroom website: <http://stortzum.weebly.com>

We are looking forward to a great school year. Please let us know if you have any

questions,

 **Lisa Stortzum Javier Trejo Carlynn Ferguson**
 **6th grade science**

 **Teacher Resident Teacher Resident Teacher**
 lisa.stortzum@slps.org javier.trejo@slps.org carlynn.ferguson@slps.org

**Mrs. Stortzum’s Classroom Contract ­­­­­­­­­ 2019 - 2020**

 **McKinley Classical Junior Academy**

I am aware that it is my responsibility to bring my materials to class every day and take them with me when I leave.

**\_\_\_\_ Yes, I am aware.**

I am aware of the general rules and regulations of the room.

**\_\_\_\_ Yes, I am aware.**

I am aware that itemized grades will be posted on SIS Parent Portal. It is my responsibility to check SIS Parent Portal to remain informed of my grade in Mrs. Stortzum’s Science Class.

**\_\_\_\_ Yes, I am aware.**

I am aware that cell phones, MP3 players, laptops and IPads will only be allowed on designated technology days.

**\_\_\_\_ Yes, I am aware.**

I understand that I am to check the classroom webpage, visit with my neighbors, and/or speak to Mrs. Stortzum **before or after** school about work I missed while absent.

**\_\_\_\_ Yes, I am aware.**

I am aware that meetings with Mrs. Stortzum need to be scheduled by phone or email.

**\_\_\_\_ Yes, I am aware.**

I am aware that any form of cheating or plagiarism is not tolerated and will result in a ZERO on the assignment.

**\_\_\_\_ Yes, I am aware.**

I am aware that late work will result in partial credit.

**\_\_\_\_ Yes, I am aware.**

Please sign and return **only this page** by**August 30th. As a student 6th grade science student at McKinley CJA, I have read, and I understand the class syllabus.**

Name (printed):                                                                                                \_\_\_

Student’s Signature:                                                            Date:               \_\_\_\_\_\_\_

**As a parent/guardian of the student listed above, I have discussed the course requirements mentioned above with him/her.  If I have questions regarding the class I will email Mrs. Stortzum at****lisa.stortzum@slps.org****, or send a message through Remind.**

Signature:                                                                          Date: