

Roosevelt International Middle School: 7th Grade Science

Mrs. Alicia Sand

asand@sandi.net

Room 807

Course Description

Science in 7th grade focuses on the newly adopted Next Generation Science Standards (NGSS). Through the oversight of the International Baccalaureate Middle Years Program (IBMYP), the MYP science framework aims to guide students to independently and collaboratively investigate issues through research, observation and experimentation. The MYP sciences curriculum explores the connections between science and everyday life. We will spend most of our time on the following units:

- I. Geology on Mars
- II. Plate Motion
- III. Rock Transformations
- IV. Phase Changes
- V. Chemical Reactions
- VI. Ecosystems

Online Class Platforms

- Many assignments will be posted on **Google Classroom**.
- Grades can be checked on **Powerschool**.

Classroom Expectations	Classroom Consequences
1) Ask permission before leaving your seat. 2) Come to class prepared to learn. 3) Raise your hand before speaking. 4) Show respect and manners. 5) Respect each other other and our classroom.	1) Warning 2) Student/teacher conference 3) Parent contact 4) Student sent to office, documentation only 5) Referral/student sent to office

Citizenship Grades

The student planner includes a “Rough Rider Citizenship Rubric” that breaks down the differences between each grade in the following scale. Please refer to the student planner for specific behaviors that demonstrate Rough Rider PRIDE.

Academic Grades

The I.B. criteria for Science Year 2 are:

A: Knowing and Understanding; B: Inquiring and Designing; C: Processing and Evaluating; and D: Reflecting on the impacts of science. Student grades will be determined by student progression towards competence in each of these areas. For more information on the I.B. sciences program, please refer to the [Sciences guide](#).

All students will keep track of their work in a science journal (provided by the school). Grades will be calculated by evaluating the progress students make in the following categories.

I.B. Criterion	Description
A: Knowing and Understanding	Outline and apply scientific knowledge and understanding to solve problems
B: Inquiring and Designing	Outline an appropriate problem and design scientific investigations
C: Processing and Evaluating	Present, interpret and apply data to a scientific investigation
D: Reflecting on the Impacts of Science	Summarize how science is applied to a problem use scientific language

Students may use their science notebooks on all tests. Any student who does not meet the standard (5 or higher) on the first attempt may retake a unit test after reviewing their notes to try to meet the standard (5 or higher). A score higher than a 5 must be obtained on the first attempt. To prepare for a unit test, there will be at least one notebook quiz during the unit which is for practice only so that students can evaluate their comprehension of the material presented.

Grades are calculated as follows using the I.B. grading scale:

Letter grade	Percentage	Assignment score
A	87-100%	7-8
B	62-86%	5-6
C	37-61%	3-4
D	25-36%	1-2
F	24% or below	0

Late work

Late work is accepted **before the end of each grading period**. Students cannot make up missed assignments from previous grading periods. There are no points taken off for turning in late work. It is the responsibility of the student to make time to finish missed assignments.

Homework

Homework will not be assigned daily. If a student does not finish work in class they are expected to complete it for homework. If a student completes all the current assignments, they can: review vocabulary/make flashcards (actual or digital), review their notes in their notebook to prepare for the next notebook quiz, or work on the design project/model and design brief for the current unit.

Media Permission

To highlight and celebrate our learning, your child's photo or work sample may be displayed in our classroom. If you opt out, please check the box on the signature page.

Class Donations

An Amazon wishlist will be shared via email at the start of the semester if you would like to donate to our classroom.

Talking Points

To communicate with parents I will be using an app called Talking Points. I will use it to send reminders and communicate with parents about their student. If you want to be included, there is more information about it on the attached page.

Student and Parent/Guardian Signature Page

Teacher: Mrs. Alicia Sand
asand@sandi.net

I have read the syllabus and understand what is expected of me. I agree to have a successful year in 7th grade science.

Student Signature

Student Name (Please Print)

Parent(s) and Guardian(s): Please discuss this syllabus with your student, then sign and date below.

Parent(s)/Guardian Signature

Parent(s)/Guardian Name (Please Print)

Parent(s)/Guardian Email

Parent(s)/ Guardian Phone Number

To highlight and celebrate our learning, your child's photo or work sample may be displayed on our school/classroom website, brochures, social media, etc. Your signature acknowledges agreement. If you opt out, please initial here _____.

Questions and/or important information for Mrs. Sand:

Please feel free to contact me if you have any questions. Let's have a great year of learning together!

Sincerely,
Alicia Sand