



## Science Foundations 2018-19

Mr. Jordan Lander

Room 472

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**JOIN REMIND! TEXT the message: @esdfound  
with the at "@" sign to 81010.**

**What Is Science Foundations?** The main purpose of this course is to remediate students in the nature of science skills. These skills are the base for all laboratory activities in high school science. They include: observing, classifying, measuring and communicating scientific data and information. Laboratory safety and measurement skills are reviewed and practiced. Other topics include working appropriately with laboratory equipment, planning and carrying out experiments, identifying variables, and analyzing and drawing conclusions.

**How Will I Learn Science Foundations?** Many daily assignments are done in small cooperative groups, which will have its own set of expectations. These can include laboratories, POGILs, projects, and other activities. Homework is assigned weekly or daily and is expected to be completed independently. Quizzes are assigned after completing certain concepts and exams are planned at the end of each unit. In addition, after school help is available.

Our semester of science foundations is divided into units focusing on specific scientific practices and skills:  
NGSS Science and Engineering Practices:

1. Asking questions (for science) and defining problems (for engineering).
2. Developing and using models.
3. Planning and carrying out investigations.
4. Analyzing and interpreting data.
5. Using mathematics and computational thinking.
6. Constructing explanations (for science) and designing solutions (for engineering).
7. Engaging in argument from evidence.
8. Obtaining, evaluating, and communicating information.

Unit 1: Practice 1 & 4 with a focus on scientific vocabulary & experimental design (2 weeks)

Unit 2: Practice 2 with a focus on biological principles (3 weeks)

Unit 3: Practice 4 & 5 with a focus on chemical principles (3 weeks)

Unit 4: Practice 4, 7 & 8 with a focus on earth science and ecology (3 weeks)

Unit 5: Practice 3,4 & 6 with a focus on physical science (3 weeks)

### How Will I Be Graded?

Unit assessments = 40%

In-class assignments and science notebooking = 20%

Labs/POGILs/Projects = 20%

Final lab report/Quizzes = 15%

Behavior/Homework = 5%

### Grading Scale:

95 – 100 = A

75-79 = C

94-90 = A-

70-74 = C-

85-89 = B

66-69 = D

80-84 = B-

65 and below = F





## Human Anatomy & Physiology SY 2018-19 Student Agreement

Dear Parent/Guardian of \_\_\_\_\_  
(student's printed name):

Welcome to your SY 2018-19 class! My name is

Mr. Jordan Lander and I will be your student's Honors Human Anatomy & Physiology teacher. Contact me at: [jlander@eriesd.org](mailto:jlander@eriesd.org) & my teacher webpage: <https://www.eriesd.org/Page/15878>. I can be reached by this email and after school if you need information or your student is in need of extra help. For your convenience, this parent letter, syllabus, calendars, etc. can also be found on my teacher website or on the Remind App.

I am looking forward to a great year at Erie High School. I know we will have a successful and productive time in room 472. In order for your student to be successful, I have reviewed this plan with him/her in class:

- Enter the room quietly, retrieve your science folder, and begin your catalyst (science starter).
- If you are not sitting in your assigned seat at the sound of the bell, you will be marked tardy—  
3 tardies = detention.
- Participate in the class and do work outside of class. Study for the exam.
- Check infinite campus and the website often. Remind will be used for text reminders, as well.
- After an absence, you are responsible for making up your work. If it is an excused absence, late work will be accepted up until a week after return.
- Cheating, plagiarism, and other dishonest behavior will result in a zero for the assignment, assessment, or unit, and parent contact.

When a student chooses to ignore these policies, this process will be used to help get back on track:

- Verbal Warning... note any discussion of inappropriate behavior with a student is considered a verbal warning
- Written Detention (write an apology/reflection form)
- Classroom Detention (with parent contact and completing the apology/reflection form front and back)
- Documentation to the Office

In addition to these resources, parents please enroll in Remind to receive text or email reminders. To enroll, please give your email address and/or cell phone number or simply TEXT the message: **@esdfound** with the at "@" sign to 81010.

Also you can add the class on [remind.com/join](https://remind.com/join) with the class code @esdaandp. This is necessary to receive notifications, especially if you have Verizon which recently blocked these notifications without the app.

Email: \_\_\_\_\_

Cell phone number: \_\_\_\_\_

I look forward to working with you and your student this semester! Please print and sign your name and return to Mr. Lander by 2/1/2019.

**RETURNING THIS DOCUMENT IS YOUR STUDENT'S FIRST HOMEWORK GRADE!**

\_\_\_\_\_

Printed Parent/Guardian Name

\_\_\_\_\_

Parent/Guardian Signature and Date