

Biology

2021/2022



Instructor Information

Instructor

Kacey Morrissey

Email

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Instructor's Welcome

Welcome to Biology! My name is Kacey Morrissey, and I am very excited to get the opportunity to teach Biology to our Sophomores at Gateway Academy. I am originally from Colorado. I graduated from Northern Arizona University with a degree in Cross Categorical Special Education and Elementary Education. I have been working in the education field now for 7 years, all but a few months of that adventure here at Gateway, and I have loved every moment working with our unique population. As the High School Science teacher, I enjoy quoting the famous Frizzle by saying I believe each and every student should have the opportunity to “take chances, make mistakes, get messy”, and within that process become more comfortable on the journey to success. I look forward to working together with you and your students! Please feel free to reach out to me directly at the email listed above with any questions or comments. Thank you and have a great day!

General Information

Description

In Biology, students will be exploring the vast and exciting study of the life all around them. The goal of this class is to expose the students to a variety of different life systems and explore how living beings live together, interact and do their very own internal problem solving to keep organisms alive. We will be exploring the body systems and their functions, taking a look at living beings and changes over time, learn and practice good health and hygiene and tie all of it together neatly with what it means to each student personally.

Expectations and Goals

Every day, students across the country ask the age-old question “Why are we learning about this?” This is the class that answers that questions by giving them practical information about how systems work so that in the future they can better take care of themselves and their world. By the end of this class, I hope to have given the students a better idea of how living things work and arm them with the tools to accomplish self-care and care for living beings around them.

Students are expected to attend class daily and bring a writing utensil, planner, a notebook to take notes and a problem-solving attitude. In addition, students will be able to work independently, in small groups and as a whole class to explore their learning in several different avenues.

Course Materials

Required Materials

Savvas Realize (formerly known as Pearson) is the adopted core curriculum at Gateway. Students have access to the Savvas lessons, activities, support resources, and any other documents assigned via their personal Savvas account. They have already received their personal login and password to do so. In addition, we will be using a wide array of support resources to teach and reinforce lessons from a variety of websites and other sources I have collected over the years.

iCourse Topic Areas

Curriculum	Topic	Addtl. Info	Etc.
Savvas Realize	Science of Biology		
Savvas Realize	The Chemistry of Life		
Savvas Realize	The Biosphere		
Savvas Realize	Ecosystems		
Savvas Realize	Populations		
Savvas Realize	Cells		
Savvas Realize	Cell Structure and Function		
Savvas Realize	Photosynthesis		
Savvas Realize	Genetics		
Savvas Realize	DNA		
Savvas Realize	RNA and Protein Synthesis		
Savvas Realize	The Human Genome		
Savvas Realize	Biotechnology		
Savvas Realize	Epidemiology - Viruses, Bacteria and Epidemics		
Savvas Realize	Human Systems		
Savvas Realize	Animal Systems		