



EDGEWOOD CAMPUS SCHOOL

Ms. Carly Ziegler

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7th Grade Life Science

Ecology of Lake Wingra

Guided by ecological principles we will explore plants, zooplankton, mammals, and fish and their role in this valuable ecosystem.

Body Works

Embark on a journey within as we explore how the systems of the body work together to perform vital functions through modeling techniques, dissection, and technological tools.

Cell Biology

Microbes, including fungi, bacteria, viruses, and more play a key role in keeping our body healthy and happy. They can also wreak havoc on a healthy body. Both will be explored.

Genetics

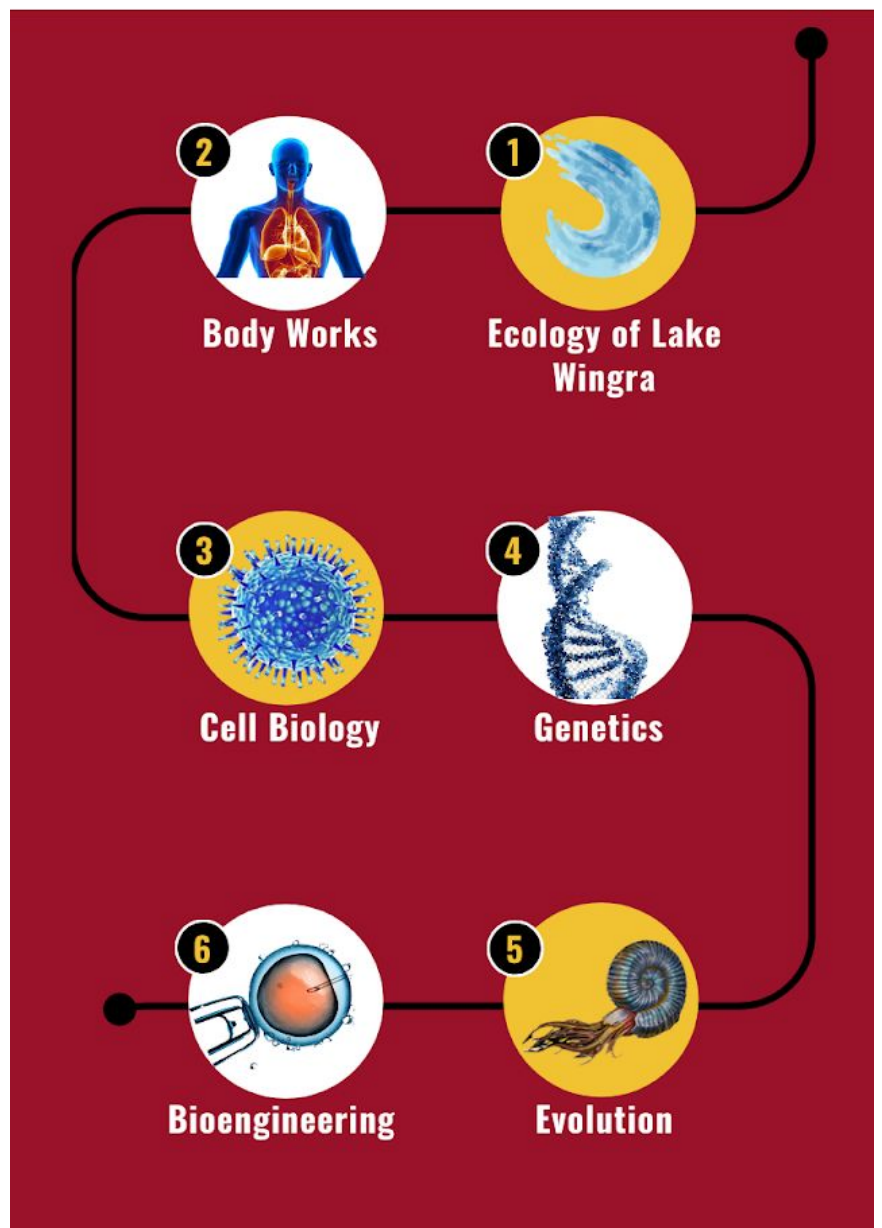
Explore the science behind traits and how they are passed from generation to generation through a series of hands on research based projects. Inheritance, DNA, and genetic

Evolution

Use evidence to gather valuable data to support claims as we explore the origin of species, mutations and natural selection as we develop skills needed for civil discourse.

Bioengineering

Engage with engineering design principles to explore bioengineering from a hands on and interactive point of view.



Classroom Expectations

- Be respectful of peers, teachers, classroom materials, and self
- Model a growth mindset for yourself and peers
- Food and gum restricted due to safety
- Water is permitted-- must be kept at seat
- Students responsible for lab clean up

Materials

- Teacher website has daily updates for assignments and additional resources including notes, copies of lab investigations, and video support
- Lab notebook: A composition notebook will be used for lab investigation notes.
- Chromebook: You will create a digital lab notebook to upload photos, analyze your results, and keep track of important vocabulary.
- Folder: For loose hand outs, rubrics and readings. All handouts are also available on the classroom website

What should I bring to class everyday?

- Lab notebook, Chromebook, folder, pencil, assignment notebook
- Your curious mind

Absence Policy

- Check our classroom website for full policy. The overall idea is that we are preparing ourselves for high school. Students will take on the ownership of communicating about missing work and make up assignments, but parents should communicate with the office and teachers about absences. This is a learning process.

Grades

Grades are based on both the quality of work and participation in class. RenWeb is updated after work is graded. Work turned in late will not be graded until time allows. Students can check with me regarding grades before or after school.

- Grades are separated into two categories: Achievement (60%) and Academic Behavior (40%)
- Achievement grades: These grades refer to anything that is graded for accuracy. Tests, quizzes, formal lab reports, or projects may be included in Achievement. The purpose of this grade is to reflect knowledge of material.
- Academic Behavior grades: These grades refer to participation and homework. Assignments in the Academic Behavior category are based on completion and effort, not accuracy. Lab behavior will be an important part of this.
- Tests and/or final projects will follow each unit.
- At the beginning of each unit, the Achievement grades will be discussed so students know what to expect.

Additional Information

- I am always available for questions and additional support. Please reach out sooner rather than later.
- Listening, reading, participating, note taking, and curiosity are key skills necessary for success in this class.
- Bookmark our classroom website as it has a wealth of information on it and is available 24/7:
<https://sites.google.com/edgewoodk8.com/ziegler>

I have read the classroom syllabus, expectations, and procedures. I have also accessed our classroom website successfully. If I have any questions, I will contact Ms. Ziegler.

Signature of Student

Date

Signature of Parent

Date