Lexington High School — Sciences

2026–27 Course Information

Instructor: Mr. Paul Pack
Room: 107
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Course Overview

Applied Science is a hands-on course focused on scientific inquiry, experimentation, problem-solving, research, and real-world applications.

Major topics include:

- Scientific inquiry, measurement, research, and lab skills
- Matter, energy, and physical science
- Cells, heredity, and genetics
- Ecosystems and biodiversity
- Weather and Earth science
- Scientific reasoning, data analysis, and ACT preparation

Students will learn through labs, investigations, projects, discussions, and hands-on activities.

Materials

Students should bring:

- Folder labeled with name and class period
- Notebook or 3-ring binder with lined paper
- Pencils, eraser, colored pencils, and highlighter
- Fully charged iPad
- Library or personal book for independent reading

Course Goals

Students will learn to:

- Conduct investigations and collect/analyze data
- Use evidence to solve problems and draw conclusions
- Apply science to real-world situations
- Develop measurement, research, and laboratory skills
- Understand major concepts in physical, life, and Earth science

- Communicate and collaborate effectively
- Develop responsibility, persistence, and teamwork

Classroom Expectations

Students are expected to:

- Attend, participate, and remain engaged
- Respect people, equipment, and the classroom
- Follow safety procedures and teacher directions
- Take responsibility for their choices and work
- Ask for help when needed

Unsafe, disruptive, or disrespectful behavior will result in consequences consistent with school policy.

Grading

Category	Weight
Tests	35%
Projects	35%
Classwork	30%

Semester Grade: Quarter 1 – 45% | Quarter 2 – 45% | Final Exam – 10%
The LPS district grading scale will be used.

Late Work

- On-time work receives full credit.
- Within 24 hours: up to **80%**
- After 48 hours: up to **50%**
- Late work is due by **7:59 AM**.
- Special circumstances should be communicated to Mr. Pack as soon as possible.

Academic Responsibility

- Students are responsible for their own work and choices.
- Grades are generally updated Sunday evenings.
- Grade checks occur Monday during 2nd period.
- Cheating and plagiarism follow the LHS Student Code of Conduct.
- Submitting AI-generated work as your own without permission is considered plagiarism.

Absences & Make-Up Work

Students are responsible for finding and completing missed work.

- Check for assignments and handouts when you return.
- Communicate about pre-arranged absences in advance.
- Missed labs must be made up within **3 school days**.
- For illness/emergencies, follow the handbook's **2-day rule**, with a maximum of five days.

Classroom Guidelines

Cell Phones & Headphones

- Phones must be turned off and placed in backpacks in the designated area.
- Headphones/earbuds require permission.
- **Unauthorized phone use results in confiscation until the end of the school day and a 7-minute detention.**
- After 3 violations, students will be referred to administration for ISS.
- Phones may not be charged in the classroom.

Tardiness

- Be in Room 107 when the bell rings.
- 1st and 5th period students who are not in the room by the bell must return to the office for a tardy pass.
- Enter quietly and begin the assigned task.

Restroom & Water

- Use passing time whenever possible.
- Restroom and water trips are not permitted during instruction or labs except when necessary.
- School guidelines limit approved passes to three per day.

iPad

- Bring a fully charged iPad every day.
- Students are responsible for having a working device for digital assignments.

Reading

- Keep a library or personal book with you for independent reading.

Classroom Entry

- Use **Door 107** from the 100 hallway.

Bell-to-Bell Learning

- Remain engaged until Mr. Pack releases the class to gather belongings.

Food & Drinks

- Only food approved by Mr. Pack is allowed.
- Water is the only permitted beverage.
- Water bottles must be clear and have a lid.
- Violations will be disposed into the sink or garbage can

Google Calendar

Students are encouraged to use Google Calendar to track assignments, tests, projects, and important deadlines. Calendar information will be updated regularly.

Activities & Extracurriculars

Students are encouraged to participate in school and community activities. Involvement helps develop responsibility, leadership, teamwork, and positive connections.

Extra Help & Communication

Before school: 7:15–7:45 AM
After school: 3:25–4:00 PM

Preferred communication: Email
Phone calls are also welcome.

Students are encouraged to communicate early when they have questions, need help, or have a problem affecting their schoolwork.

Our Goal

Come prepared. Work hard. Be respectful. Learn something useful.

Applied Science is about more than passing a class. The goal is to help students become better thinkers, problem-solvers, communicators, and lifelong learners.

We the undersigned have read the syllabus and understand the responsibilities.

Student_____ Date_____

Parent or Guardian _____ Date _____

(Students, take a photo of this page, and upload into google classroom to receive credit, due 8/17/26 11:59PM)