LET THE ADVENTURE BEGIN

CAREER EXPLORATION AND H.S. PLANNING
Today we will be discussing two of the 5 possible Endorsements: STEM and Public Service

Let’s begin with STEM...
STEM: So what is it? Well, it includes 2 major career pathways:

**Engineering & Technology:**

Aerospace Engineer, Automotive Engineer, Biomedical Engineer, Chemical Engineer, Electronics Technician, Nuclear Operator, Quality Technician, Survey Technician, Manufacturing Technician

**Science & Math:**

Analytical Chemist, Applied Mathematician, Biologist, Botanist, Ecologist, Geologist, Hydrologist, Nanobiologist, Nuclear Technician, Statistician
Here is just a small sample of the jobs you can do in the STEM field:

- Astronomers
- Biochemists/biophysicists
- Biomedical Researchers
- Cellular Biologists
- Chemists
- Environmental Scientists
- Food Scientists
- Forensic Scientists
- Foresters
- Geneticists
- Hydrologists
- Meterologists
- Petroleum Engineers
Trivia Time Out!
Take 1 minute to discuss and answer this question with a partner:

Who was one of the co-founders of Apple, Inc.?
A. Mark Zuckerberg
B. Charles Babbage
C. Steve Jobs
D. Bill Gates
Trivia Time Out Answer:

If you said...

STEVE JOBS

You’re Right!
Important things to know about the STEM endorsement:

* All STEM endorsements include Algebra II, Chemistry and Physics

* You can earn a STEM endorsement with an emphasis in either:
  * Engineering - PLTW
  * Math
  * Science
  * Computer science

* You will take additional courses in one of these subject areas based on your specific choice

* 8th grade Algebra students usually earn this endorsement based on the extra math classes they earn by 12th grade
Now let’s discuss the Public Service Endorsement
A few examples of Public Service fields and jobs include:

- Health Science (doctors, nurses, lab technicians, etc.)
- Public Safety
- Law
- Human Services
- Corrections and Security
- Education and Training
- Government and Public Administration
- Junior Reserve Officer Training Corps (JROTC)
The Public Services Endorsement we offer can be completed with an emphasis in the following areas:

* Education & Training
* Air Force Junior ROTC
  * Health Science
  * Law Enforcement
Important things to know about the Public Service endorsement:

Each of these areas for the Public Service endorsement require specific classes and course schedules.

JROTC Programs are held at Lamar Consolidated High School and Terry High School and are available to all LCISD students.
You’ll be planning for graduation before you know it, so consider these important endorsement options and discuss them with your family and counselor.