



Project Lead the Way Grades 6&7

Essential Learnings Quarter View

Our district is committed to providing a guaranteed and viable curriculum for all students. A guaranteed curriculum ensures all students have the opportunity to learn the same essential learnings. A viable curriculum ensures it is possible for all students to learn in the allotted time. The quarter view below lists the essential learnings (EL's) students will be taught and assessed during each nine (9) week quarter. The goal is for every student to become proficient in every essential learning by the end of the school year.

6th & 7th PLTW

Quarter 1

- EL#1: Students understand the importance of land transportation
I can understand the importance of land transportation
I can understand alternative fuels
I can understand how safety is important in land transportation

EL # 2: Students understand the importance of water transportation
I can understand the importance of water transportation
I can understand how boats and ships can float in water
I can understand how safety is important in water transportation

Quarter 2

- EL # 3: Students will understand the importance of flight/air transportation
I can understand how an airplane works
I can understand the principles of flight (lift, thrust, drag, weight)
I can schedule a flight and flight crew
I can understand the importance of flight

EL# 4: Students will understand the importance of space transportation
I can understand the importance of space flight
I can understand the aspects of space
I can understand the aspects of space
I can understand the future of space flight and exploring other planets