

**Auto Basics Year-At-A-Glance**

Week	Unit Title	Overview	Readiness TEKS	Supporting TEKS
Week 1	Career Exploration	Students will focus on expanding their knowledge base and interest in careers and entrepreneurship opportunities in the automotive technology industry.	1.B, 1.D, 1.E, 1.H, 2.B	
Week 2				
Week 3	Health and Safety	Students will discuss and identify employers' expectations regarding safe and appropriate work habits, ethical conduct and legal responsibilities in the workplace.	1.A, 1.C, 1.F, 1 G, 2.D, 2.F, 3.A	
Week 4				
Week 5				
Week 6	Mathematics in Automotive Technology	Students will explore, discuss, and describe major vehicle systems and basic and emerging power systems. Students will be given multiple opportunities to describe, demonstrate and apply relevant problem-solving and mathematical skills in-context as they read and interpret vehicle maintenance and service information from a variety of sources.	3.A, 3.C, 4.A, 4.B, 4.C	
Week 7				
Week 8				
Week 9				
Week 10	Tools, Equipment, and Materials	Students will discuss the rules for proper handling and disposal of hazardous materials used in the automotive industry.	5.A, 5.B, 5.C, 5.D	
Week 11				
Week 12				
Week 13				
Week 14	Engines, Heating and Cooling	Students will be given multiple opportunities to demonstrate their knowledge of internal combustion engines, chassis and power train components and systems.	6.B, 6.F, 6.G	
Week 15				
Week 16				
Week 17				
Week 18				
Week 19				
Week 20				
Week 21	Brakes	Students will be given multiple opportunities to demonstrate their knowledge of brake system components, ABS and their understanding of hydraulic brakes systems	3.C, 6.E, 6.M	
Week 22				
Week 23				
Week 24	Electronics	Students will be given multiple opportunities to demonstrate their knowledge of electrical and electrical and electronic systems.	3.C, 6.E, 6.M	
Week 25				
Week 26				
Week 27				
Week 28	Preventative Maintenance	Students will be given multiple opportunities to identify cooling and lubrication system components and steering and suspension components and to demonstrate their knowledge	3.C, 6.H, 6.I, 6.J, 6.K, 6.L, 6.N	
Week 29				
Week 30				

		of preventive maintenance schedules and inspections		
Week 31	Parts and Paperwork	Students will be given multiple opportunities to learn and demonstrate the procedures for ordering and locating parts as well as documenting repair orders in simulated and/or actual automotive technology work situations.	2.E, 3.A, 3.B, 3.C, 6.A	
Week 32				
Week 33				
Week 34	Automotive Career Activities	Students will participate in course culminating automotive career activities which include a written plan to earn industry-recognized certification, an internship and/or to begin a successful career in automotive services or related field.	1.C, 1.G, 2.A, 2.B, 2.C, 2.D, 2.F, 3.A	
Week 35				
Week 36				
Week 37				