Auto Tech I Year-At-A-Glance

Week	Unit Title	Overview	Readiness TEKS	Supporting TEKS
Week 1	Professional Standards and Career Exploration	Students will expand their knowledge base and interest in careers and entrepreneurship opportunities in the automotive technology industry.	1.B, 1.C, 1.D, 1.E, 1.G, 1.H, 2.A	
Week 2	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.D, 1.F, 1.G, 4.A, 4.B	
Week 3				
Week 4				
Week 5	Academic and Communication Skills in Automotive Technology	Students will demonstrate and apply relevant problem-solving, communication, and academic skills in-context as they demonstrate occupational tasks such as documenting work/repair orders and locating, reading, and interpreting service repair information such as schematics, charts, diagrams, graphs, parts catalogs, and technical bulletins.	1.D, 2.A, 2.B, 2.C, 3.D, 5.A, 6.A	
Week 6				
Week 7				
Week 8	Preventative Maintenance	Students will successfully explain and perform preventative maintenance activities as well as explain and safely perform a jump-start of a vehicle according to manufacturer recommended procedures.	3.A, 3.B, 3.C, 3.D, 3.E, 3.F, 3.G, 3.H, 3.I, 3.J, 3.K, 3.L	
Week 9				
Week 10				
Week 11				
Week 12	Brakes	Students will apply and explain their technical knowledge and skills in activities, discussions, repairs, re-assemblies, and inspections and/or in simulated or actual automotive technology work task situations, as well as have opportunities to safely learn and demonstrate the proper use of tools, equipment, and materials related to brake systems and servicing.	5.A, 5.B, 5.C, 5.D, 5.E, 5.F, 5.G, 5.H, 5.I, 5.J, 5.K, 5.L	
Week 13				
Week 14				
Week 15				
Week 16	Electronics	Students will be given multiple opportunities to demonstrate their knowledge of electrical components, equipment, circuits, and electronic systems as well as Ohm's Law with hands-on activities, demonstrations, presentations, discussions, and inspections.	6.A, 6.B, 6.C, 6.D, 6.E 6.F. 6.G 6.H, 6.I, 6.J, 6.K,6.L, 6.M, 6.N	
Week 17				
Week 18				
Week 19				
Week 20	Heating and Air Conditioning	Students will be given multiple opportunities to safely demonstrate the proper use of tools, equipment, and refrigerant materials related to heating and air conditioning in hands-on activities, presentations, discussions, and inspections in simulated or actual automotive technology work situations.	4.A, 7.A, 7.B, 7.C, 7.D, 7.E	
Week 21				
Week 22				
Week 23				
Week 24	Drive Trains	Students will be given multiple opportunities to learn and demonstrate the technical knowledge, skills, and procedures for inspe[illegible]nd servicing	8.A, 8.B, 8.C, 8.D, 8.E, 8.F, 8.G, 8.H	
Week 25				
Week 26				

Week 27		manual and automatic drive-train and axles in simulated and/or actual automotive technology work situations		
Week 28	Engine Performance	Students will be given multiple opportunities to demonstrate their technical knowledge and skills related to engines and engine performance, components, sensors, and systems with hands-on activities, presentations, discussions, and inspections in simulated or actual automotive technology work situations.	9.A, 9.B, 9.C, 9.D, 9.E, 9.F, 9.G, 9.H, 9.I, 9.J	
Week 29				
Week 30				
Week 31				
Week 32	Suspension Systems and Tires	Students will be given multiple opportunities to demonstrate their technical knowledge and skills related to engines and engine performance, components, sensors, and systems with hands-on activities, presentations, discussions, and inspections in simulated or actual automotive technology work situations.	10.A, 10.B, 10.C, 10.D, 10.E, 10.F, 10.G, 10.H. 10.I, 10.J, 10.k	
Week 33				
Week 34				
Week 35				
Week 36				
Week 37				