

Title : Life Skills Automotive
Type : Essential

	September				October				November				December				January				February				March				April				May				June					
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
September/Week 1 - September/Week 2	[Grey box covering Sept 1-4]																																									
Intro to the automobile, class expectations, Lab safety: Chemical hygiene, work habits, tools and equipment, electrical and machine safety.																																										
September/Week 3	[Grey box covering Sept 5]																																									
Universal systems Model, The automobile as a group of systems.																																										
September/Week 4	[Grey box covering Sept 6]																																									
Exploration of automotive systems. Automotive systems pretest (component scavenger hunt)																																										
October/Week 5 - October/Week 6	[Grey box covering Oct 7-8]																																									
Buying a car. Car buying profile. Buying vs. leasing. The buyer's bill of rights. (2 weeks)																																										
October/Week 7 - November/Week 9	[Grey box covering Oct 9-11]																																									
Preventive maintenance: Keeping your car on the road. (3 weeks)																																										
November/Week 10 - November/Week 11	[Grey box covering Nov 12-13]																																									
Brake systems: Disc and drum brakes. The Anti- lock braking system. Brake system maintenance and repairs. (2 weeks)																																										
November/Week 12	[Grey box covering Nov 14]																																									
A look at repairs: The customer's rights. Fixing it yourself. Knowing your limits.																																										
December/Week 13 - December/Week 14	[Grey box covering Dec 15-16]																																									
Steering and suspension systems: What is an alignment? What parts make up the steering and suspension systems? What are the effects of misalignment? (2 weeks)																																										
December/Week 15 - December/Week 16	[Grey box covering Dec 17-18]																																									
The electrical system: What is electricity? Ohm's law. Wiring and connections. Electrical components. Battery, starting and charging systems (2 weeks)																																										
December/Week 17 - January/Week 18	[Grey box covering Dec 19-20]																																									
Tune up and engine performance: General tune up procedures. Check engine lights. Engine system diagnosis. (2 weeks)																																										
January/Week 19 - January/Week 20	[Grey box covering Jan 21-22]																																									
Review and project wrap-up. Lab cleanup																																										