

CRITICAL THINKING CONCEPTS

** Ideas that may be usable in ALTs*

Open-Ended		Recurring Thought Provoking	Emotive	Invite exploration	Critical thinking	Provide focus
Concept Based		Exploration Collaboration	Perspectives	Inquiry / Investigation	Personal Experience	Arguable / Controversial
#1	INTRO Course Rqmts - Responsibilities	*What do you want to learn in this course?	*Course requirements Attend - Timely - Tests	*responsible for own safety *within your limits	* two-wheel * bicycle; * good-driver;	"serious fun"
#2	Motorcycle Types	* Why different types?	* Fit	*type of ride *type of cycle	* Purchased? Which? Why?	"best one"
#3	Controls - Equipment	* What - Where - How	* All cycles same?	* MOM * Shift pattern	* Does your cycle have? Different?	
#4	Basic Operation S/S - Friction - Posture - Turning - Stopping - Shifting	* fundamental process(es) * basic techniques *	* both brakes =better	"2-finger" vs. "4-finger" braking	* Posture * Car clutch =different? * Bicycle = turning	"press" (countersteer)
#5	Four Preps to Ride Fit - Inspection - Gear - Attitude	* Purpose * Choices of * Consequence of (not)	* "use" vs. "don't"	* Type of bike vs. ride * Size	* Legal vs. Safe(r)	* RCW vs. Choice
#6	RISK Awareness - Acceptance - Mgmt	* Awareness of * Acceptance of * Management of	* Stability * Visibility * Vulnerability	* Risk Offset * Curves/Intersections	* Risk Offset * Space Cushion	* Eyes/Mind-Hands/Feet * Responsibility

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#7	Basic Street Strategies Positioning - Visibility - Strategy Escape Paths: SEE & BE SEEN	* Positioning * Visibility * Strategy	* SEE & BE SEEN * RiderRadar - S.E.E. * Total Stopping Distance	* LP1, 2, vs. 3 * Escape Path * Total Stopping Distance	* Near-miss / Crash (Factors? Avoidance?) * Quick Stops -why?	* LP1, 2, vs. 3 * Escape Path
#8	Strategies Following & Stopping distances - Curves - Strategy	* 360° Awareness * Presentation * Curves S-S-S/S.E.E.	* 360° Awareness * Presentation * Curves technique	* Curves Entry-Apex-Exit * Curve POT (C-I-D)	* Tailgaters * Curve -too fast * Blind Spots	* O-I-O / M-M-M / choice * Delayed Apex
#9	Basics for Emergencies Quick Stops - Swerves - Skids The Brake/Swerve decision.	* Quick Stops vs. Swerves * Skidding * Brake/Swerve Decision	* S.E.E. = Speed/Direction * Quick Stop - When/How * Swerves - When/How	* Practice techniques? * Progressive Squeeze * MOM - Brake Type	* Needed Quick Stop? * Needed Swerve? * Skid?	* Brake/Swerve Decision * Brake Systems *
#10	Special Riding Situations Surfaces - Cargo - Maintenance W-D-A-N-R-N-T-K	* Surfaces = Traction * Cargo * Maintenance Issues	* Micro-Climates * Adjust for surface issues	* Weather prior to ride * Cargo effect on ride * Maintenance Issues	* Micro-Climates * Maintenance Issues?	* Fair Weather Rider vs. * Passenger vs. Cargo
#11	Impairments Alcohol - Other drugs Distraction-Fatigue-Age	* Alcohol & Other Drugs * Age * Distractions	* 1 Drink = Impairs * Aging * Distractions	* Compounded effects * Music/Speakers * Gear/Bike fit	* Music or Nav distraction * Highly emotional state * Beyond limit(s)	* Distractions * Age issues
#12	Select Topics Licensing - Gear - Insurance Laws/Requirements	* C.C.C. = 180 days * Insurance vs. \$\$\$ *	* Insurance vs. \$\$\$	* OR, ID, CA, BC laws (Helmet, Insurance, Ears)	* Insurance Gap *	* Helmet / Eye Protection * Loud Pipes