

Learning Outcomes – Highest Order Thinking



The Knowledge Dimension		LEVELS OF THINKING		
		The Cognitive Process Dimension		
TYPES OF LEARNING		5. EVALUATE	6. CREATE	
		C. CONCEPTUAL KNOWLEDGE Classifications and categories; Principles and generalizations;	– Student will test their set up of a retro-reflector for the reflected light hitting the LASER with three mirrors	– Students will generate appropriate designs for reflecting light in all directions using only 3 mirrors
		D. META-COGNITIVE KNOWLEDGE Strategic knowledge and cognitive tasks	– Students will judge their own and their peers work based on five criteria : design, creativity, explanation, cost efficiency, and test-endurance	

