



El Dorado County Career Technical Partnership

In Partnership: Folsom Lake College • El Dorado Union High School District • El Dorado County Office of Education

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LESSON 1 Rubric

(Use Solid Works software to draw four flashlight parts)

	Beginning 1	Developing 2	Accomplished 3	Exemplary 4	Score
Draw Battery	Circle correct diameter; no extrusion	Circle correct diameter, extrusion incorrect length	Circle correct diameter, extrusion correct length, no radius on top edge	Circle correct diameter, extrusion correct length, correct radius on top edge	
Draw Battery Clip	Basic box defining overall size of clip.	Outside shape of clip is correct; no holes.	Outside shape of clip is correct; holes are shown w/ 75% accuracy.	Outside shape of clip is correct; holes are shown w/ 100% accuracy.	
Draw Light Emitting Diode	Basic cylinder defining overall size of LED <u>without</u> leads.	Basic cylinder defining overall size of LED <u>with</u> leads.	Basic cylinder defining overall size of LED, as well as step-edge <u>without</u> leads.	Basic cylinder defining overall size of LED, as well as step-edge <u>with</u> leads.	
Draw Push Button Switch	Basic box defining overall size of switch; no extrusion for button.	Basic box defining overall size of switch and extrusion for button; no leads.	Basic box defining overall size of switch and extrusion for button with leads.	Entire switch is well defined, including leads and chamfers on top of button.	