



# El Dorado County Career Technical Partnership

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

## El Dorado County Career Technical Education Partnership

### LESSON 2 Rubric

(Use Solid Works software to design an enclosure for your flashlight)

|  | <b>Beginning<br/>1</b>  | <b>Developing<br/>2</b>   | <b>Accomplished<br/>3</b>   | <b>Exemplary<br/>4</b>   | <b>Score</b> |
|--|---|---|---|--|--------------|
| Draw Enclosure                         | Flashlight parts are imported.<br>Little or no defined enclosure.       | Flashlight parts are imported.<br>Enclosure defined, but not suitable for working flashlight.                   | Flashlight parts are imported.<br>Enclosure is well defined and capable of containing a working flashlight. | Flashlight parts are imported.<br>Enclosure is well defined and capable of containing a working flashlight.<br>Ergonomic considerations have been made in design of enclosure. |              |
| Final Assembly – Working(?) Flashlight | Flashlight circuit works, but no enclosure as drawing was insufficient. | Flashlight circuit works when not in enclosure.<br>Flashlight can not be operated once placed in the enclosure. | Flashlight works in enclosure.<br>Enclosure is sufficient, but could use some work cosmetically.            | Flashlight works in enclosure.<br>Enclosure is not only sufficient, but ergonomically pleasing.  |              |