

# D-Lab: *ENERGY*

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## **Name:** Name

On the reverse, you will find your overall grade as well as a breakdown of that grade and the rubric used to assign grades. Feel free to talk to Amy with any questions or concerns about grading, but try to avoid grade-grubbing.

## **Written Lantern Feedback**

written

<b>Overall Grade</b>	<b>GRADE/100</b>
<b>Sketch/Write-up</b>	<b>SKETCH/10</b>
• outstanding: easy to understand, well-sketched	10
• good: relatively clear write-up and sketch	8
• weak: hard to understand, weak sketch, key aspect missing	6
<b>Functionality</b>	<b>FUNCT/20</b>
• lights with white LED	20
• wrong LED, intermittent light	12-16
• does not light	0
<b>Switch</b>	<b>SWITCH/10</b>
• brilliant: funny, obvious, clever	10
• obvious	8
• subtle	6
• non-functioning, non-existent	0
<b>Aesthetics</b>	<b>AES/15</b>
• outstanding: amusing, elegant, pleasing to the eye, etc.	15
• good: looks like a lantern	12
• weak: looks like a circuit	0-10
<b>Creative Materials Use</b>	<b>CRE/10</b>
• outstanding: surprising materials, clearly recycled	10
• good: recycled materials	8
• weak: off the shelf parts	0-6
<b>Maximized Light</b>	<b>MAX/20</b>
• outstanding: uses material to provide good reflection, direction, and/or diffusion	20
• good: uses materials to produce moderate reflection, direction, and/or diffusion	16
• no improvement	0-12
<b>Calculation of Resistor</b>	<b>CALC/15</b>
• right equation, right answer, right use	15
• 2/3 equation, answer, use	12
• 1/3 equation, answer, use	9
• 0/3 equation, answer, use	0-8

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