**Energy in Living Systems Poster Project**

**Objectives:**

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| I can use a model to illustrate how photosynthesis transforms light energy into stored chemical energy. |
| I can use a model to illustrate that cellular respiration is a chemical process resulting in a net transfer of energy. |

**Requirements:**

1. **2 Large Main Diagrams** of these two processes
   1. Photosynthesis (Fig 4, p. 97)
   2. Cellular Respiration (Fig 10, p.104)
2. **Minimum of 4 smaller diagrams (**that relate to and help explain the two processes above.)
3. Include **all vocabulary terms from Chapter 5 (**p.111) Highlight your terms on the poster
4. **Write 2 paragraphs**, 1 for each of the two processes above, that illustrates how each process works. Your poster should reflect the two objectives at the top of this page. Use your paragraphs, arrows, and short statements on your diagrams to meet these objectives.
5. Your **COLORFUL** poster should be **91cm x 91cm** in size and **done neatly.**

**Point value: Project /Lab score:**

Photosynthesis Diagram - 10

Cellular respiration diagram – 10

4 smaller diagrams – 5 each (20 total)

Vocabulary Terms – 20

Paragraphs – 10 each (20 total)

**Total Points: 80 Points**