Thermodynamics Definition Flip Book Grading Rubric

Please include each of the following words in your flip book and follow the directions outlined below. Your flipbook must have a theme!

Calorie	calorimeter	energy	enthalpy	joule
heat	temperature	entropy	specific heat	thermodynamics

*All 10 words are placed into a book format (10 points)
– If the project is in book format: give 10 points; if not: take away 10 points
* Each word has its own page and must include a definition, a description and an example (60 points)
– 2 points for each definition (20 points total) does NOT need to be related to theme
– 2 points for each description (20 points total), this is a longer explanation of the vocab word. The students should be "teaching" the word. It does NOT need to be related to the theme.
– 2 points for each example (20 points total), this SHOULD be related to the theme!
* pictures included on each page include at least 3 colors (15 points)
– 1 point for each picture (10 points total) it should be related to the theme and example
– 5 points all or nothing for color – each picture should have at least 3 colors!
* flip book includes a theme, a title page, and pages are held together with some binding (15 points)
– 5 points for including a theme
– 5 points for having a title page (subtract 2 if there isn't a picture; subtract 2 if there isn't color)
– 5 points for using binding OTHER than staples! (Possible ideas: ribbon, string, professional binding, etc.)

This assignment will count as a lab grade and is due on _____.

<u>Instructions for choosing and using a theme</u>

Choose something that you are interested in or a hobby you have such as a favorite sport, a hobby such as art or camping, or maybe even a favorite TV show or movie. Make your theme somewhat specific: don't choose "food" as a theme, but choose a specific food, food type, or restaurant; don't choose sports as you theme but rather choose a specific sport; etc.

Once you've chosen a theme, you need to find ways in which these vocab words relate to that theme. Where do you see thermodynamics in action in your chosen theme?

Your definitions and descriptions do NOT need to be related to the theme, but the examples and pictures need to be!