

Heat Transfer Foldable--Project Explanation & Rubric

Use the paper provided to create a product describing the three ways that thermal energy moves--conduction, convection, and radiation. Content and neatness both contribute to your grade.

Title Page (cover)--include the following elements: (4 points)

- _____ name
- _____ period
- _____ date
- _____ title of the foldable ("HEAT -- The Transfer of Thermal Energy")

Page 1--include the following elements: (4 points)

Label this page "CONDUCTION"

This page should also include 1) a definition of conduction, 2) two illustrations (must be in color!)) that shows or explains the concept of conduction, and 3) a caption explaining each illustration.

Page 2--include the following elements: (4 points)

Label this page "CONVECTION"

This page should also include 1) a definition of convection, 2) two illustrations (must be in color!)) that shows or explains the concept of convection, and 3) a caption explaining each illustration.

Page 3--include the following elements: (4 points)

Label this page "RADIATION"

This page should also include 1) a definition of radiation, 2) two illustrations (must be in color!)) that shows or explains the concept of radiation, and 3) a caption explaining each illustration.

Overall Quality: (4 points) Points assigned according to this rating scale:

- 4 Overall booklet has high quality illustrations and detail. Printing is neat and concise. No misspelled words or grammatical errors. Each caption and illustration fully explains the concept.
- 3 Booklet is generally of high quality, neat work. Some grammatical or printing errors are present. Illustrations / captions may not fully explain concept..
- 2 Booklet is not student's best quality work--illustrations are not carefully rendered, explanations may omit key detail. Errors in grammar or spelling present.
- 1 Work of low quality. Many grammatical or spelling errors present.