

Name _____

Date _____

Hour _____

Heat Transfer Comic Strip

We read comic strips because they are funny and entertaining, but some comic strips can be used to tell a story. The purpose of this project is to describe the three types of heat transfer to the reader accurately in a comical and entertaining way.



Objective: Draw a comic strip that accurately shows the transfer of heat energy through conduction, convection and radiation.

Materials: 8 $\frac{1}{2}$ x 11 blank paper
Your own coloring supplies

Procedure:

1. Your comic strip must 8 frames in length (1 panel needs to have a title, your name & hour)
2. Include colored illustrations (hand drawn) in each frame depicting the three types of heat transfer.
3. Feature short captions underneath it (in complete sentences) that provides details about what is occurring within each frame.
4. Include (at least 1 time) the following terms in your comic, (terms should be underlined):
 - ✓ Convection
 - ✓ Conduction
 - ✓ Radiation
 - ✓ Temperature
 - ✓ Insulator
 - ✓ Heat Transfer
5. Include dialogue bubbles for the characters in your comic strip.
6. Use your time well and wisely. This project is due at the end of class tomorrow (basically you have today tonight and tomorrow's to complete this assignment).

HEAT TRANSFER COMIC RUBRIC

CATEGORY	4	3	2	1
Content - Accuracy (x2)	100% All facts in the comic are accurate.	80% of the facts in the comic are accurate.	60% of the facts in the comic are accurate.	Fewer than 60% of the facts in the comic are accurate.
Writing - Storyline Vocabulary	The authors correctly use all required words and define words unfamiliar to the reader.	The authors correctly use most required words and define words unfamiliar to the reader.	The authors try to use some vocabulary, but may use 1-2 words incorrectly.	The authors do not incorporate required vocabulary.
Attractiveness & Organization Graphics/Color	The comic strip pictures and captions reflect an exceptional degree of student creativity. There is great attention to detail.	The comic strip is neat, organized, and shows significant effort. Good use of color and graphics.	The comic strip is neat and mostly complete. Minimal use of color and graphics.	The comic strip is not neat, organized, or may be incomplete.
Time and Effort	Class time was used wisely. Much time and effort went into the planning and design of the comic.	Class time was used wisely; however the student could have put in more time and effort in.	Class time was somewhat used wisely; however the student could have put more time and effort in	Class time was not used wisely.

Total Points Possible 20