

Name _____
Period _____

Date _____
Benchmark 9.2

The student knows that heat can be transferred through conduction, convection, and radiation; heat flows from warmer objects to cooler ones until both objects are the same temperature

4 – The assessment clearly shows that the student: knows what heat is; knows what temperature is, how it is measured and the three different temperature scales; can convert temperature from Celsius to Fahrenheit and vice-versa; knows what thermal expansion is and what causes it to take place; what are radiation, conduction and convection.

3 – One or more of the elements listed above are missing. The assessment is turned in late.

2 – The student does not demonstrate a clear understanding of the benchmark; several errors were made; several elements were left out; the assessment was poorly done; the assessment was turned in late.

1 – The assessment is not what was required.

Students must take a test on the benchmark that is created by the teacher and turn in two additional assessments for each benchmark. They may choose from the following:

1. Create a graphic webpage.
2. Create a blog. Entries must be added every day or two. Pre-approval required.
3. Create a comic strip.
4. Create a graphic children's book.
5. Create a graphic poster.
6. Create a PowerPoint or Google Slide presentation that includes pictures.
7. Create a video or movie (no trailers).
8. Create a "science talk show" and be the subject of an interview about the topic. This can be done by two people.
9. Create a live character (costumes and accents encouraged), and do a presentation to the class that includes a question and answer time with the students.
10. Create a game that students can play in class. (no crosswords or word search puzzles)
11. Create an assessment that could be given to students to test their knowledge and understanding of the benchmark. The assessment must include an answer key. (no Quizlets, Quiziz, Jeopardy or similar online games)
12. Turn in your notebook.
13. Create your own assessment. (Get teacher approval first!)