**Hot Air Balloon Project Grading Sheet**  Names: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Question and Explanation Grading:

0=not answered 1=answered incorrectly

2=partly correct; not completely correct 3=Correct and Complete

Diagram Grading:

0=missing 1=Unrelated to the question

2=somewhat helpful, but important concepts are missing

3=Helps to clearly convey correct answer to the question

1. Slide #1
   1. \_\_\_\_\_ (1 point) Appropriate Title
2. Slide #2 – What happens to the **air particles in a hot air balloon** when the balloon heats up?
   1. \_\_\_\_\_ (3)Quality of answer to the question
   2. \_\_\_\_\_ (3)Quality of diagram
3. Slide #3 – What happens to the **volume of a hot air balloon** when the balloon heats up?
   1. \_\_\_\_\_ (3)Is the answer correct?
   2. \_\_\_\_\_ (3)Is a correct explanation provided
   3. \_\_\_\_\_ (3)Quality of diagram
4. Slide #4 – What happens to the **mass of a hot air balloon** when the balloon heats up?
   1. \_\_\_\_\_ (3)Is the answer correct
   2. \_\_\_\_\_ (3)Is a correct explanation provided
   3. \_\_\_\_\_ (3)Quality of diagram
5. Slide #5 – Why does heating make hot air balloons rise?
   1. \_\_\_\_\_ (3)Is the answer correct?
   2. \_\_\_\_\_ (3)Did you explain how density changes as a balloon heats up?
   3. \_\_\_\_\_ (3)Did you explain why density changes as it heats up?
   4. \_\_\_\_\_ (3)Quality of diagram
6. Slide #6
   1. \_\_\_\_\_ (1)Appropriate Title
   2. \_\_\_\_\_ (1) Photograph of your flying balloon
   3. \_\_\_\_\_ (6) Do the data appear to be correct?
7. \_\_\_\_\_ (1) Did you remove all of the prompts (text telling you what to do) from your slideshow?

Total Score = \_\_\_\_\_\_

Scaled Score = total/15 = \_\_\_\_\_\_\_

0-1 = NM

1-1.5 = D

1.5-2 = C

2-2.5 = B

2.5-2.8 = A

2.8-3 = A+