Scientific Illustration

Detailed and accurate drawings are an important part of any science textbook or scientific article. Good scientific illustration requires not only artistic talent, but knowledge of scientific concepts as well.

1. Choose a topic that you would like to illustrate (mammals of Colorado, muscles of the human skeleton, insect stages, ecological zones of Colorado, etc.).
2. Discuss your topic with your science teacher to get approval. Certain guidelines will be placed upon your choices.
3. Make a list of 5 major drawings you would like to do. A major drawing is large and detailed. You must have a strong understanding of each picture with a descriptive paragraph for each main part.
4. Research your topic to make sure your drawings are accurate. Fix anything in your drawings that is inaccurate.
5. Complete 10 supporting drawings. A supporting drawing is a small drawing that shows a concept or detail relate to a major drawing. Include an explanation of each supporting drawing.
6. Create a formal portfolio that includes all of the drawings that illustrate your science concept. Include a written narrative about the process you went through in creating your portfolio.

Completeness	***Points Possible***	***Points Received***
All required drawings presents	***40***	
Each drawing has an accurate written description	***30***	
Bibliography	***20***	
Scientific Value		
Drawings are related by theme or topic	***30***	
Written descriptions are related to drawings and are informative	***20***	
Drawings and descriptions are neat and accurate	***30***	
Narrative is included about your process	***30***	
Total	***200***	

Student Name:_____