Answer the following questions and study the following topics to prepare for the upcoming multiple choice quiz. Note you must know all relevant units.

1) What is thermal energy a measure of?

2) Temperature indicates how hot or cold something is. Explain what temperature is at the molecular level.

3) What are the three most common temperature scales?

4) Does temperature have a lower limit?

5) What is heat? What are its units? How is it related to the feeling that an object is cold or hot?

6) Explain what Conduction is. How is it related to the sense of how hot/cold something is?

7) Explain what Convection is.

8) Explain what Radiation is. Which things radiate? Which things absorb radiation?