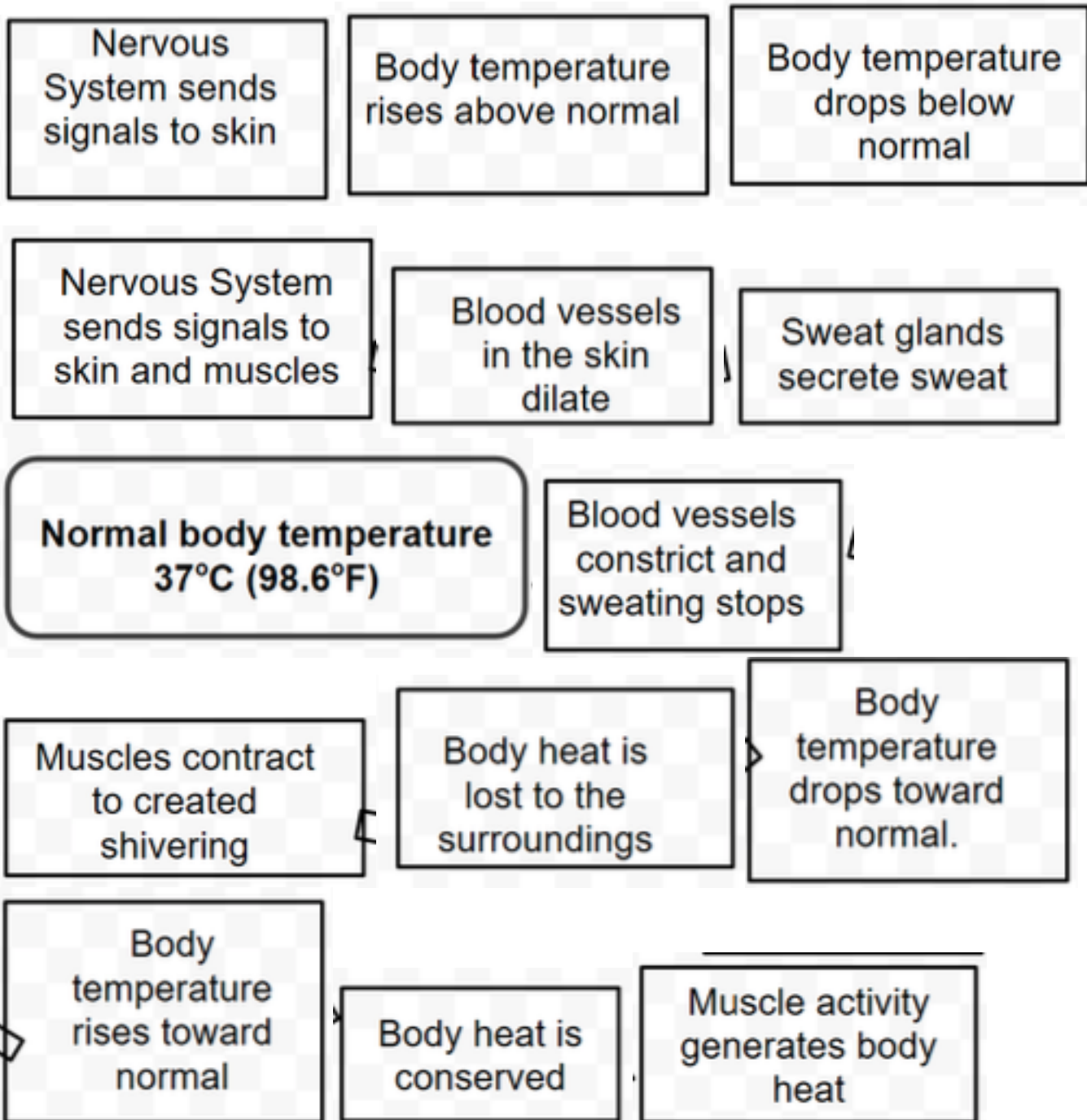


LT: I can create a concept map in order to describe human thermoregulation.

Use the following boxes to create a concept map that explains how the body maintains homeostasis/dynamic equilibrium in terms of temperature.



Step 1 - Reading the Lines

1. Find the “set point” on your map. Shade the box with **yellow** pencil.
2. Draw a box around each body part.
3. Draw a circle around any actions happening to/by specific body parts.
4. Find an arrow that leads to the human body warming up. Color that arrow **red**.
5. Follow that process, and color with **red** all the arrows that have to do with the body’s response to being too warm.
6. Repeat the process described previously, but with the set of steps that begins with the body cooling down. Use **blue** to indicate these steps.

Step 2 - Reading beyond the Lines

Describe how the following terms relate to your concept map:

- nervous system
- axon, neurons, chemical signals
- reflex loop
- thermoregulation
- vasodilation
- vasoconstriction
- goose bumps
- shivering
- Sweating
- Dynamic equilibrium
- homeostasis