Main themes from Teaching Philosophies – Kara Dyckman, Ph.D.

1. Teacher as learner
    a. Learning about students' motivations, aspirations, challenges
    b. Figure out what they already know and how well they are understand the information
2. Evaluations of teaching effectiveness
    a. Provide multiple opportunities for students to evaluate teacher and class
        i. Ask for feedback in a structured form
        ii. Give quizzes
        iii. Have students write down a question or something they don't understand
3. Multimodal Learning
    a. Lecture
    b. Problems
    c. Homework
    d. Quizzes
    e. Online assignments
    f. Demonstrations
    g. Video clips
    h. Outside speakers on relevant topics
    i. Hands-on experience, if possible
    j. Coordinate information with lab sections of the course
4. Keep lectures relevant
    a. Incorporate examples from everyday life
        i. How a chemical is commonly used
        ii. References to pop-culture
        iii. References to phenomena or myths they may have heard
5. Listen to students
    a. Be respectful
    b. Encourage discussion and dialogue
    c. Remember what it was like to be in their shoes
6. Teach life skills as well as content
    a. Critical thinking assignments
    b. Encourage responsibility for their actions
    c. Set expectations at the beginning of the course