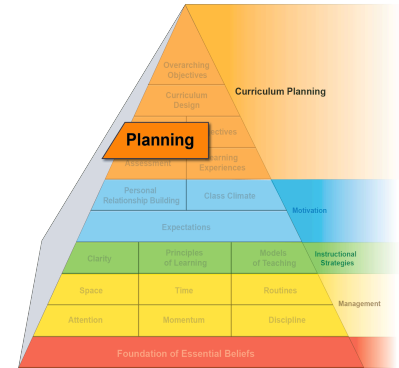


## Planning

### Steps for Planning Inquiry-Based Lessons



- 
- Step 1:** Pose a problem for the students to work on and analyze the meaning of the problem and the numbers given in it.
- Step 2:** Cue students to known tools to use to work on the problem.
- Step 3:** Give students significant time to work on the problem. Set up the working time so that there is significant talk and thinking between students. Give the students samples of several different approaches to solving the problem done by other students, and ask them to explain in writing how these other students solved it.
- Step 4:** Debrief the student solutions in total class discussion:
- Probe for thinking
  - Use wait time
  - No teacher judgment
- Step 5:** Summarize the learning and preview future lessons.

