This research describes learning activities and techniques that improve deep and critical thinking among students. Critical thinking is considered an ultimate goal in MIS education; and learners who reach critical thinking level can achieve the highest learning goals and outcomes. Critical thinking and English communication are considered the two most essential competencies in the 21st century. Therefore, universities have invested significantly in understanding, promoting, and delivering critical thinking in education. Moreover, the learning and education research has invested extensively in critical thinking. In this research, we present and discuss seven learning activities and techniques that initiate deep thinking and promote critical thinking in teaching and learning in order to achieve high level of quality learning. The main focus of this work is in the higher education setting at the level of colleges and universities. We discuss and explain seven learning activities, with examples and tools that will help increase the level of thinking and improve higher order thinking and critical analysis. The presented techniques and examples can be easily applied and adapted into any discipline to help increase and improve higher order thinking among the learners. The preliminary evaluation results are very encouraging.