

**Terms with which you should be familiar:**

**Information Processing Theory**

Sensory register

Short-term memory (working memory)

Long-term memory

Chunking (“chunks” “clumps”)

Rehearsal (maintenance & elaborative)

Metacognition

Attention

Perception

Retrieval

Organization

Meaningfulness

**In addition to the above terms, you should be able to:**

1. Discuss the different stores in the information processing theory, including the assumptions associated with each store.
2. Define metacognition, including the three-part classification proposed by Flavell (i.e. the three different types of metacognitive awareness). Discuss how you could support your students’ metacognition with respect to the three different types of awareness.
3. Discuss strengths and weaknesses of the information processing theory. In other words, what do you think the theory explains well (i.e. strength) and what do you think they theory explains poorly or not all (i.e. weakness) as it relates to processing information?