

Cognitive Information Processing Model Applied to Two Different Learning Scenarios

Scenario #1 –
Kindergarten Class Calendar Lesson

Scenario #2 –
High School History Lesson

Learning Objective

What is it that the students should know or be able to do as a result of this teaching?

Attention to the Task

What attention-getting techniques are used?

Thinking - Working Memory

How are the students' prior knowledge included in the learning scenario?

Are coding techniques employed?
(i.e. repeating or rehearsing, recoding)

Are there 'interfering' factors during the lesson?

Storing - Long Term Memory

Is information presented in an organized manner?

Is prior knowledge incited to encourage greater retention?

Recalling and Retrieval

What methods might be used to get students to effectively retrieve and recall this information in a day or so?

How can retention be improved?

Decay and Forgetting

Which information is most likely to be retained because there's less likelihood of decay and forgetting?