

### Chapter 3.

There are no specific activities related to this area. Some time spent remembering or acting out the short scenes described in the text may aid understanding of the functions ascribed to this area of the brain.

### Chapter 4.

#### **6. Visual Reaction Time.**

An appreciation of the delay inherent in the generation of movements will be derived from the following test that requires a simple ruler. This delay is due to the conduction along pathways and across synapses.

Stand in front of the class with a student. Hold the ruler lightly at one end. Allow the other end to hang between the thumb and first finger of the student's outstretched hand without touching. Instruct the student to catch the ruler when you let it go. As the student (and class) looks on, unexpectedly let the ruler fall. He or she will catch it before it slips through his or her fingers. The number of inches travelled is a measure of the time it took. It usually takes about 200 milliseconds (one fifth of a second) to respond. This delay can be discussed with reference to all the pathways and synapses that must be traversed as the student sees it fall. With practice and knowing what to expect, the time should shorten. A variation on this test without vision is presented in chapter 8, test 12.