



## Targeted Teaching Topic

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### Summary of Topic:

Understand the Role of Cerebral Fluid

### Main Curriculum Tie:

Classify the basic structural and functional organization of the human body including chemical, cellular, tissue, organ, and system.

### Required Materials for Lesson:

- 1 or 2 cup containers with lids.
- Eggs.
- Water.

### Background for Teacher:

Container = skull. Egg = brain. Water = cerebral fluid.

### Student Prior Knowledge:

Structure of the brain and skull.

### Intended Learning Outcome:

Be able to explain the importance of cerebral fluid in protecting the brain.

### Instructional Procedure:

- Put egg in closed container (no water). Shake the container and the egg will break and mix up.
- Put another egg in another container and add enough water to fill the container. Put lid on and shake. The egg will bounce around. If shaken hard enough, the egg will break but not nearly as easy as egg without the water.

### How to Measure Outcome:

Student will be able to state and explain the role of cerebral fluid in protecting the brain.