

# Brain Based Research Applied to Curriculum

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60 Inservice Points

Component No. 2 007 002

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## **General Objective**

1. To gain knowledge in the latest research supported methods on instructions.
2. To examine, edit, and update the existing curriculum in specific areas.
3. To examine grade level connections within the curriculum.

## **Specific Objectives**

1. Participate in activities designed to aid in processing information.
2. Attend workshops reviewing classroom activities and organization to maximize learning.
3. Read the curriculum
4. Identify standards areas in the curriculum and edit if needed.
5. Develop and present cross-curricular and cross grade level lessons.
6. Integrate brain-based learning throughout lesson development.
7. Address multiple intelligences throughout lesson development.

## **Procedures/Activities**

1. Staff will choose and read one book from four preselected books.
2. Participate in a workshop that examines the philosophy, creates a shared vision and discusses shared professional beliefs. The workshop will model activities and structures based on: brain research, multiple intelligences, learning styles.
3. Attendance at a workshop focused on: personality types, learning styles, positive approaches to learning. This workshop will also model brain based activities.
4. Attendance at a workshop based in cross grade level standards of instruction and multi-disciplinary instruction.
5. Participants will identify appropriate curriculum standards and edit the curriculum to reflect those standards.
6. Participate in cross grade level teams that observe lessons and develop a presentation lesson with a specific instructions strand as its focus.

## **Evaluation**

1. Participate in group discussion with the literature as the focus.
2. Creation of a personal vision and list of professional beliefs.
3. Organization of presented learning activities into a notebook
4. Identification of individual personality types.
5. Cross grade level teams will develop and present a lesson plan that reflects: a specific instructional, multo-disciplinary connections, cross grade level connections, diverse learning styles, websites for further research
6. Participants will complete an inservice evaluation form.

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