

# Graduate School of Education

Program: Special Education

Summer Semester CO1, 2011

**Course title: EDSE 628, Elementary Reading/Curriculum Strategies for Students with Disabilities Accessing the General Curriculum, Section 662**

**Credit Hours: 3**

**Meetings: Monday-Thursdays, 12:00-2:15 PM, July 5, 2011 – August 5, 2011**

**Location: Room 232, George Mason Loudoun Campus, Loudoun County**

**Instructor: Patricia A. Leins, M.Ed.**

**Office: Finley Rm.201**

**Office Hours: By appointment or after class**

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**Email: [pleins1@gmu.edu](mailto:pleins1@gmu.edu) \*\*\*Best Contact Method!\*\*\***

## Course Description

### ***Course Description from University Catalog:***

This course applies research on instructional approaches, in elementary curriculum for individuals with disabilities accessing general education curriculums. Includes curriculum/instructional strategies in reading, language arts, mathematics, science, social studies, cognitive strategies, study skills, attention/memory, and peer-mediated instruction. Prerequisites: none.

### **Course Objectives**

The objectives of the course are the following:

- To familiarize participants with the learning characteristics of students with mild disabilities including cognitive and intellectual disabilities, learning disabilities, and emotional disabilities.
  
- To familiarize participants with the principles of effective instruction for including students with disabilities in general education classes, including the use and application of prioritizing objectives, adapting materials, instruction, the environment, and evaluation procedures.
  
- To familiarize participants with strategies for promoting inclusion with classroom peers as peer tutors, assistants, and cooperative learning.
  
- To familiarize participants with strategies for improving motivation.
  
- To familiarize participants with strategies for improving attention and memory skills.

- To familiarize participants with strategies for improving study and organizational skills.
- To familiarize participants with strategies for adapting evaluation procedures.
- To familiarize participants with strategies for teaching and adapting language and literacy.
- To familiarize participants with strategies for teaching and adapting math.
- To familiarize participants with strategies for teaching and adapting science and social studies.

### **Student Outcomes**

Upon completion of this course, students will be able to:

- Describe elementary level intervention research and the associated issues in intervention research as applied to individuals with mild disabilities;
- Describe and implement elementary level research-based curriculum and strategies for teaching reading, language arts, math, science, social studies, and social skills for individuals with mild disabilities;
- Describe and implement elementary level research-based cognitive strategies in self-regulation and metacognition, study skills, attention, memory, and motivation for individuals with mild disabilities;
- Describe and implement elementary level research-based strategies for peer mediation, including peer tutoring and cooperative learning, for individuals with mild disabilities;
- Develop and implement strategies in curriculum and strategies to correspond with the Virginia Standards of Learning.

### **Professional Standards:**

#### ***Relationship of Courses to Program Goals and Professional Organizations***

This course is part of the George Mason University, College of Education and Human Development, Special Education Program for teacher licensure in the Commonwealth of Virginia for teaching students with disabilities who access the general curriculum. This program complies with the standards for teacher licensure established by the Council for Exceptional Children, the major special education professional organization. As such, the learning objectives for this course cover many of the competencies for elementary curriculum and strategies for teaching individuals with emotional disturbances, learning disabilities, and mild intellectual and cognitive disabilities.

The CEC Standards are listed on the following web site:

[http://www.cec.sped.org/ps/perf\\_based\\_stds/common\\_core\\_4-21-01.html](http://www.cec.sped.org/ps/perf_based_stds/common_core_4-21-01.html)

CEC standards that will be addressed in this class include the following:

#### Standard 4 - Instructional Strategies

Skills:

- Use strategies to facilitate integration into various settings.
- Teach individuals to use self-assessment, problem solving, and other cognitive strategies to meet their needs.
- Select, adapt, and use instructional strategies and materials according to characteristics of the individual with exceptional learning needs.
- Use strategies to facilitate maintenance and generalization of skills across learning environments.
- Use procedures to increase the individual's self-awareness, self-management, self-control, self-reliance, and self-esteem.
- Use strategies that promote successful transitions for individuals with exceptional learning needs.

#### Standard 5 - Learning Environments and Social Interactions

Knowledge: (selected competencies)

- Demands of learning environments.
- Basic classroom management theories and strategies for individuals with exceptional learning needs.
- Effective management of teaching and learning.
- Teacher attitudes and behaviors that influence behavior of individuals with exceptional learning needs.
- Social skills needed for educational and other environments.

Skills:

- Create a safe, equitable, positive, and supportive learning environment in which diversities are valued.
- Identify realistic expectations for personal and social behavior in various settings.
- Identify supports needed for integration into various program placements.
- Design learning environments that encourage active participation in individual and group activities.

#### Standard 7 - Instructional Planning

Knowledge:

- Theories and research that form the basis of curriculum development and instructional practice.
- Scope and sequences of general and special curricula.
- National, state or provincial, and local curricula standards.

### **Nature of Course Delivery**

Learning activities include the following:

1. Class lecture, discussion, and participation.
2. Videotapes and other relevant media presentations.
3. Study and independent library research.
4. Applications with relevant hardware and software.
5. Application activities, including in-class evaluation of intervention research and materials.
6. Class presentations.
7. Written activities using the American Psychological Association (APA) format.

### **College of Education and Human Development**

#### *Student Expectations*

- Students must adhere to the guidelines of the George Mason University Honor Code [See <http://academicintegrity.gmu.edu/honorcode/>].
- Students with disabilities who seek accommodations in a course must be registered with the George Mason University Office of Disability Services (ODS) and inform their instructor, in writing, at the beginning of the semester [See <http://ods.gmu.edu/>].
- Students must follow the university policy for Responsible Use of Computing [See <http://universitypolicy.gmu.edu/1301gen.html>].
- Students are responsible for the content of university communications sent to their George Mason University email account and are required to activate their account and check it regularly. All communication from the university, college, school, and program will be sent to students solely through their Mason email account.
- Students must follow the university policy stating that all sound emitting devices shall be turned off during class unless otherwise authorized by the instructor.
- Students are expected to exhibit professional behaviors and dispositions at all times.

#### *Campus Resources*

- The George Mason University Counseling and Psychological Services (CAPS) staff consists of professional counseling and clinical psychologists, social workers, and counselors who offer a wide range of services (e.g., individual and group counseling, workshops and outreach

programs) to enhance students' personal experience and academic performance [See <http://caps.gmu.edu/>].

- The George Mason University Writing Center staff provides a variety of resources and services (e.g., tutoring, workshops, writing guides, handbooks) intended to support students as they work to construct and share knowledge through writing [See <http://writingcenter.gmu.edu/>].

For additional information on the College of Education and Human Development, Graduate School of Education, please visit our website [See <http://gse.gmu.edu/>].

### **Additional Listing of Resources and Expectations:**

**George Mason University Email:** <https://mserver3.gmu.edu/>

From this link, follow the directions for activating an email account. Every student is required to establish a GMU email account. Course email correspondence and other important university emails will be sent to GMU email accounts.

**George Mason Patriot Web:** <https://patriotweb.gmu.edu/>

A self-service website for students, faculty, and staff of George Mason University. There is a wealth of useful links, information, and online forms on this website including program of studies details, application for graduation, request for transfer of credit, and internship application.

### **TaskStream Submission**

\*Note: Every student registered for any EDSE course as of the Fall 2007 semester is required to submit signature assignments to TaskStream (regardless of whether a course is an elective, a one time course or part of an undergraduate minor). TaskStream information is available at <http://gse.gmu.edu/programs/sped/>. The signature assignment for this course (the Strategy Application Written Assignment) must be submitted to TaskStream (<https://www.taskstream.com>) at the end of this course. **Failure to submit the assignment to TaskStream will result in reporting the course grade as Incomplete (IN). Unless this grade is changed, upon completion of the required submission, the IN will convert to an F nine weeks into the following semester.\***

**APA Formatting Guidelines:** <http://www.psywww.com/resource/apacrib.htm>

This website is offered as a companion to the APA style manual. It should not be considered a substitute for directly consulting the APA manual, 6<sup>th</sup> edition for standard procedures of applying APA style. Additional APA style help URLs are available on the GSE library URL.

**George Mason University Honor Code:**

<http://www.gmu.edu/facstaff/handbook/aD.html>

This URL defines student and faculty conduct to promote a stronger sense of mutual responsibility, respect, trust, and fairness among all members of the George Mason University community. The honor code deals specifically with cheating and attempted cheating, plagiarism, lying and stealing.

**Academic Integrity:** Students in this course are expected to exhibit academic integrity at all times. It is essential that all students submit their own work, especially with the technical information and skills taught within this course. To that end, plagiarism is a violation of academic integrity, as well as the ideas and principles of this class. **Plagiarism is the intentional or unintentional use of others' ideas, words, data, figures, pictures, sequence of ideas, or arrangement of materials without clearly acknowledging the source (based on the Mason Honor Code online at: <http://mason.gmu.edu/~montecin/plagiarism.htm>).** The instructor reserves the right to submit your work to **turnitin.com**, a plagiarism detection service, for an integrity assessment as needed. Students who commit plagiarism of any form (eg. whether it be copying test answers, using someone else's exact words in a written assignment, etc.) will be given an "F" as their course grade and the matter will be reported to the Dean of the Education School and the GMU Honor Council.

**Advising contact information:** Please make sure that you are being advised on a regular basis as to your status and progress through your program. You may wish to contact Jancy Templeton, GMU Special Education Advisor, at [jtemple1@gmu.edu](mailto:jtemple1@gmu.edu) or 703-993-2474. Please be prepared with your G number when you contact her.

This course will incorporate the evidence-based practices (EBPs) relevant to *elementary curriculum learning strategies, constructing effective lessons, and literacy supports*. These EBPs are indicated with an asterisk (\*) in this syllabus' schedule. Evidence for the selected research-based practices is informed by meta-analysis, literature reviews/synthesis, the technical assistance networks which provide web-based resources, and the national organizations whose mission is to support students with disabilities. We address both promising and emerging practices in the field of special education. This course will provide opportunities for students to take an active, decision-making role to thoughtfully select, modify, apply, and evaluate EBPs in order to improve outcomes for students with disabilities.

**Resources for Evidence-Based Practices Emphasized in EDSE 628**  
[www.k8accesscenter.org](http://www.k8accesscenter.org) The Access Center. (*Computer assisted instruction, CAI*)  
<http://www.teachingld.org> LD Resources.Current Practice Alerts. #2, 8, 10, 12, 13, 17  
<http://www.iris.peabody.vanderbilt.edu> Modules and InfoBriefs.

(Peer Assisted Learning Strategies – PALS; Collaborative Strategic Reading – CSR; Providing Instructional Supports - scaffolding and modeling; Self-Regulated Strategy Development Model)

National Reading Panel Report (NRP). (2000).

<http://www.nationalreadingpanel.org>

Berkeley, S., Scruggs, T. E., & Mastropieri, M. A. (Meta, in press; *questioning strategy instruction, graphic organizers, self-regulatory skills*)

Bursuck, W. D., & Damer, M. (2007). (*Direct instruction/systematic/explicit instruction*)

Coleman, M., & Vaughn, S. (2000). (*Direct instruction/systematic/explicit instruction*)

Gajria, M., Jitendra, A. K., Sood, S., & Sacks, G. (2007) (*text enhancements; cognitive strategy instruction*)

Gersten, R., Chard, D., Jayanthi, M., Baker, S., Morphy, P., & Flojo, J. (2008). [www.centeroninstruction.org](http://www.centeroninstruction.org) (*Direct instruction for math, Schema-based math representations, self-talk for math*)

Gersten, R., Fuchs, L. S., Williams, J. P., & Baker, S. (2001). (*Reading comprehension instruction*)

Jitendra, A. K., Edwards, L. L., Sacks, G., & Jacobson, L. A. (2004). (*Vocabulary instruction*)

Kroesbergen, E. H., & Van Luit, J.E. H. (2003). (*Direct instruction: Math; self-instruction, Schema-based math representations, concrete-representational-abstract CRA*)

Maccini, P., Mulcahy, C.A., & Wilson, M.G. (2007). (*Direct Instruction: Math; Schema-based math representations, peer-mediated instruction, anchored instruction, CRA*)

Mastropieri, M. A., Scruggs, T. E., & Graetz, J. (2003) (*mnemonics*)

Peltenburg, M., van den Heuvel-Panhuizen, M., & Doig, B. (2009). (*Math manipulatives*)

Rogers, L. A., & Graham, S. (2008). (*Self-Regulated Strategy Development Model*)

Scruggs, T. E., Mastropieri, M. A., Berkeley, S., Graetz, J. E. (2009). (*Peer tutoring, mnemonics, semantic maps*)

Scruggs, T. E., & Mastropieri, M. A. Tutorial: Mnemonic

Instruction [www.teachingld.org](http://www.teachingld.org)

Simon, R. & Hanrahan, J. (2004). (*Touch Math*)

Spencer, V. G. (2006). (*Peer tutoring*)

Suh, J., & Moyer, P.S. (2005). (*Virtual math manipulatives*)

Templeton, T. N., Neel, R. S., Blood, E. (2008). (*Self-regulatory skills for math*)

Vaughn, S., Gersten, R. L., & Chard, D. J. (2000). (*reading comprehension instruction; questioning strategy instruction; content enhancements, guided feedback*)

## **Texts and Readings:**

### **Required Texts**

Mastropieri, M. A., & Scruggs, T. E. (2007). *The Inclusive Classroom: Strategies for Effective Differentiated Instruction*. (4th Ed.) Upper Saddle River, NJ: Pearson.

American Psychological Association. (2010). *Publication manual of the American Psychological Association* (6th ed.). Washington, DC: Author. **(make sure it is the second printing)**

### **Online Reading**

Throughout the semester, we will be using several websites to support and enhance the information we are gaining from the course text. It is a good idea to save these sites as "Favorites" for your use in this class, as well as professional reference. The sites we will use are:

<http://www.pen.k12.va.us/VDOE/Superintendent/Sols/home.shtml> Virginia SOL website

[http://www.teachingld.org/ld\\_resources/alerts/default.htm#social](http://www.teachingld.org/ld_resources/alerts/default.htm#social) Discusses Social Skills Instruction

[http://reading.uoregon.edu/big\\_ideas/index.php](http://reading.uoregon.edu/big_ideas/index.php) "Five Big Areas of Reading"

[http://www.teachingld.org/ld\\_resources/alerts/default.htm#mnemonic](http://www.teachingld.org/ld_resources/alerts/default.htm#mnemonic) Discusses Mnemonic Instruction

### **Peer-Reviewed Journal Readings:**

You will be accessing peer-reviewed journal articles as part of the Strategy Application Written Assignment. These articles will vary depending on individual student interests and assignment ideas.

### **Required Access to Course Blackboard Site**

The George Mason Blackboard system will be used as an integral part of this course. It is important to access Blackboard several times a week between class sessions to check posted updates and messages. Additionally, class handouts will be posted on Blackboard for upcoming classes. The first night of class all handouts will be provided. After the first night, all handouts will be posted by Monday evening before Wednesday's class. Students are responsible for downloading these handouts or printing hard copies for use in class from the second class onwards. You can access Bb at <http://courses.gmu.edu>.



**\*\*Starting July 5th, be sure to come to class prepared with the week's electronic copies of materials or hard copies (whichever works best for you)!\*\***

*It is recommended that students retain copies of all course products to document their progress through the GSE ED/LD program. Products from this class can become part of your individual professional portfolio used in your portfolio classes that documents your satisfactory progress through the GSE program and the CEC performance based standards.*

- **The use of electronic devices that produce sound or otherwise interfere with the learning of others (i.e., cell phones, pagers, etc.) is prohibited during class. Please turn these devices off or to vibrate before the start of class.**
- **Computers may be used to take notes during class, but they may not be used for internet exploration or other non-class activities during class time.**

### **Assessment of Course Requirements:**

Requirements of this course include readings from your textbook, professional journal articles, and websites, and activities, which include in-class individual and group work, as well as independent assignments outside of class. The goal of all work for this course is to increase your knowledge and skills about working with students with mild disabilities in the academic curriculum.

The signature assignment for this course is the Strategy Application Written assignment that will assist you in learning more about research-based instructional practices for working with students with mild disabilities, including academic, self-regulatory, and motivation strategies. Students are expected to complete all forms of class assessment and final grading will be based on the cumulative points that students earn based on their performance on all course assessments. Student performance on assignments is expected to be both timely and of high quality.

Online submission of student work is required. All written assignments should be submitted through the Blackboard Digital Assignments tab. Assignments should not be submitted by email unless there is an emergency technical issue with Blackboard. Each assignment should be submitted by the start of class on the due date (4:30 PM). Assignments that are not submitted at the appropriate time **are late**. Late assignments will be accepted with a point deduction in a few cases. All course assignments should be completed with graduate level use of content, grammar, spelling, and written expression clarity. If writing is an area of

difficulty, you will need to visit the GMU Writing Center to work on these skills (<http://writingcenter.gmu.edu>).

Submitted assignments should be labeled with filenames that correspond to: <your first initial your last name abbreviated form of the assignment's name>. I will return graded assignments to you via the course Blackboard email. It is suggested that you download and save all returned assignments, as well as corresponding evaluations and comments. Below is example labeling for submission of all written assignments:

**PLeinsLrnVis – Learning Visual**

**PLeinsUnPlan – Unit Plan**

**PLeinsLessDemo – Lesson Plan Demonstration**

**PLeinsStratAppWrit – Strategy Application Written Assignment**

**PLeinsStratAppPres – Strategy Application Presentation**

<b>Course Requirements Evaluation</b>	
<b>Assignment</b>	<b>Points Earned/Total Points</b>
1. Attendance, Class Assignments Participation (1 pt. per class meeting)	/19
2. Learning VisualVAKT (Science/Social Studies)	/5
*3. Strategy Application Written Assignment	/40
4. Strategy Application Presentation	/10
5. Partner Unit Plan (English/Math)	/20
6. Sally Sample (2) Written Expression (4)	/6
<b>Total # of points earned</b>	<b>/100</b>

\*Course signature assignment.

Course evaluation and final grades will be calculated based on the below percentages calculated from each individual student's point score out of the possible 100 point total. Late assignments will be accepted in the following manner for a few selected assignments (Strategy Application Written Assignment & Unit Plan):

- **5% point deduction – up to 1 week late**
- **10% point deduction – 1-2 weeks late**
- **25% point deduction – 2 weeks until the last class meeting**

\*No late assignments will be accepted for the Learning Visual, Strategy Application Presentation, or Lesson Plan Demonstration.

**Grading Scale:**

A = 95-100%

A- = 90-94%

B+ = 87-89%

B = 80-86%

C+ = 77-79%

C = 70-76%

F = 69% and below

### **Course Assignment Details:**

#### **Attendance and Participation - Weekly (1 point per class for a total of 19 points)**

Class attendance and participation are an important part of this class because of the specific and in depth information learned through the course. Attendance points are earned for each class to emphasize the importance of engaging in the learning activities and educational environment of the course. Students are expected to arrive on time, participate in all class discussions, presentations, and activities, and stay until the end of class. Attendance will be maintained through the artifacts students produce during class through group and individual work. For full attendance credit during each class, students must not only attend the full class session, but actively participate, work cooperatively, and turn in high quality class products. If you are unable to make any class sessions during the semester, please contact the instructor by phone or e-mail before the class session where you will be absent. In the rare event of an emergency or severe sickness, each student is given 1 "grace" absence without a point penalty, as long as the instructor is notified before the class session. In this case, it is still the student's responsibility to make arrangements to obtain notes, handouts, and lecture details from another student. **Attendance points missed for more than one absence or any absence without instructor contact before class cannot be made up!** Two or more unexcused absences will result in no credit for this course.

#### **Learning Visual/VAKT Tool – (5 points)**

Learning visuals and VAKT tools are essential in helping students with disabilities better access and understand curriculum points. Using a VAKT tool, semantic feature analysis, concept map, diagram, graphic or semantic organizer, visual representation, visual-spatial display, or other learning visual select a particular grade level and a corresponding **Science or Social Studies** SOL that relates to learning concepts and vocabulary.

With the learning visual example, identify and write out the SOL to which it relates (e.g., Science: Living Systems 5.5, The student will investigate and understand that organisms are made of cells and have distinguishing characteristics. Key concept: vertebrates and invertebrates). Be sure to give the visual a title/name. You will be asked to give a short 5 minute explanation of the essential aspects of your visual/tool, a demonstration of how your learning visual is applied with the specific science or social studies content selected, and a brief discussion of the specific learning needs targeted through the visual/tool's usage. As part of your presentation, make sure you bring a hard copy handout explaining the essential aspects of development and implementation of your visual for everyone in the class. This handout is what should be turned in to

the instructor via the digital Assignments Tab before the start of the class the day of your visual/tool demonstration.

### **RUBRIC for Learning Visual/VAKT Tool**

Effective visual aspects of tool illustrated (2 points)

0            0.5            1            1.5            2

Clearly supports the concepts/vocabulary of science/social studies content (2 points)

0            0.5            1            1.5            2

Class Handout (neatness, completed sample of visual/tool) (2 points)

0            0.5            1            1.5            2

Presentation (explanation, demonstration, discussion) (2 points)

0            0.5            1            1.5            2

Preparation Evident (materials, explanation) (2 points)

0            0.5            1            1.5            2

Creativity/Originality (2 points)

0            0.5            1            1.5            2

### **Partner Unit Plan – (20 points)**

With a **partner** prepare a unit plan, which includes a series of 5 sequential lessons. You will use the Active Teaching Model discussed in class to structure each lesson. The unit plan should address specific well-defined skills from Virginia's SOLs (Grades 1-5) <http://www.doe.virginia.gov/go/Sols/home.shtml> in either English or mathematics.

The unit plan should be well-planned and include:

- A **unit overview** including the Content area, Grade level, SOL(s), **Measurable** Unit objectives, and reference to the lesson in which each is introduced.
- 5 lesson plans structured according to the Active Teaching Model
- Samples of at least one activity (worksheet, graphic organizer, etc.) for **each** lesson that show what has been adapted for a student with special needs (so include the worksheet that most students will do, along with the adapted one that only some students will do). The adaptation(s) must be listed and a rationale included. Tell briefly, what did you adapt/change and why? Have a student in mind and note the difficulty addressed.
- Evidence of at least one instructional strategy geared to assist a student to access, organize and/or recall the content material in each lesson. The strategy must be highlighted or noted in the plan and a sample of the content integrated into the strategy must be present, e.g. a first letter mnemonic devised to teach the steps in long division)
- Each day's lesson must have some form of assessment. Assessments may be informal (teacher observation) or formal. However 2 formal sample

assessments for the unit are required. One should be a pre-test or mid-unit check, and the other an end of unit assessment. One may be a traditional test like those provided by publishers, (with some adaptations noted) or a project (include a rubric). You may be creative, but make sure you address your objectives.

- If you use commercially available lessons, parts of lessons, or assessments, YOU MUST CITE THE SOURCE!!!! If using “off the shelf” lessons, I would suggest making sure you make adaptations to best meet the needs of this project.
- Identify and show evidence of the use of technology. This may be something you use to instruct, or software you used to construct student worksheets, templates or assessments. It also includes websites used as sources for information, or instructional materials.
- Include a reference section for your unit.

#### RUBRIC for Unit Plan Assignment

Exemplary unit (23-24 points): Unit includes all components outlined in the syllabus evidencing a clear understanding of the Active Teaching Model; an appropriate and specific match between measurable objectives selected and unit content covered; logical and creative connections between the lessons included in the unit; descriptive integration of learning strategies within the unit’s application, comprehensive usage of appropriate assessment materials, and innovative technology employment. Good writing style, free of mechanical or stylistic errors, and appropriate use of APA format is also evident.

Adequate unit (20-22.9 points): Good overall unit, lacking in one or two of the criteria. Minor deficiencies in the application of the Active Teaching Model evident, or minor writing style errors present.

Marginal unit (18-19.9): Overall, acceptable but with one or more significant problems. Contains some creative and logical lesson planning ideas, but may have substantial problems with appropriate usage of the Active Teaching Model, strategies, or assessment.

Inadequate unit (1-17.9): Unit with substantial problems in important areas such as application of the Active Teaching Model, measurable objectives, strategies, or assessment.

Unacceptable/no unit: (0 points): Unit not relevant to the assignment or no unit turned in at all. Does not target appropriate learning objectives.

**Strategy Application Written Assignment – (40 points) \*Required Signature Assignment**

The strategy application written assignment is a multi-part project. Student performance on this project will be greatly enhanced by carefully reading and following the detailed directions below.

**Select an intervention research article from a professional journal** (e.g. *Learning Disabilities Research and Practice*, *Behavioral Disorders*, *Education and Treatment of Mental Retardation*, and *Developmental Disabilities*) and have it approved by **Class 5 July 12**. The focus of the article must include support for an elementary level research-based strategy for teaching reading, language arts, math, science, social studies, and social skills for individuals with mild disabilities; **or** the focus must be on cognitive strategies in self-regulation and metacognition, study skills, attention, memory, or motivation for individuals with mild disabilities. If you have any difficulties, see the instructor for guidance in selecting an article. The important part is that your research article must be approved prior to beginning your assignment. You may want to email the instructor with the complete article citation and a brief description before class on the 19<sup>th</sup>.

**Read the article thoroughly.** As you read the article, think about the following: Try to describe carefully the intervention(s) that was implemented in the study. There may be several interventions being compared within a single study, so be sure to try to describe the differences among the instructional conditions. Try to describe the results of the study. Which instructional condition worked best? Also, try to remember the types of students that participated in the study. For example, were the participant's elementary aged students with emotional disturbances (ED), with learning disabilities (LD), with physical disabilities (PD), or with autism?

**Implement this intervention in your own class or that of another teacher and describe the results.** You will have approximately 6 weeks to complete this whole project, so make sure your intervention takes no more than 4 weeks to implement. Your paper should describe what was done in your classroom. Describe the *participants* (**DO NOT use any student names, however, provide a brief description of the class, school, and students**), *method* (including *materials* and *procedures*), and *results* (e.g., results of pre-post testing and student opinion survey). You need not replicate exactly the conditions of the article, but you may include similar or modified materials from the article in order to implement the project.

The actual written paper should be about 8-10 pages in length, not including any appendices.

Type the paper using the following format:

1. **Cite** the article. For the citation of the article use APA format. This web site is an APA reference **(5 points)**

<http://linguistics.byu.edu/faculty/henrichsenl/apa/apa01.html>

(Using your APA manual is also highly recommended.)

**EXAMPLE CITATION:**

Malone, L. D., & Mastropieri, M. A. (1992). Reading comprehension instruction: Summarization and self-monitoring training for students with learning disabilities. *Exceptional Children, 58*, 270-279.

2. Provide a **WRITTEN SUMMARY** of the research article. Do not simply copy the abstract, but attempt to rewrite in your own words what was undertaken in the study. Below is a very brief sample – your summary will probably be one to two pages double-spaced. **(10 points)**

**EXAMPLE WRITTEN SUMMARY:**

Malone and Mastropieri (1992) compared the effects of three reading comprehension strategies on the performance of 45 middle school students with learning disabilities. The three reading comprehension strategies were: (a) a summarization strategy, (b) a summarization strategy plus self-monitoring, and (c) traditional instructional procedures. All students were pre and posttested on the types of strategies that they typically use for reading comprehension, and questioned about the strategies they were using during the second day of training. All students were also posttested using reading materials similar to those used during training, which were narrative passages, and on social studies passages, or expository prose passages. Results indicated that students who were trained to use the summarization strategies outperformed students who used the traditional instructional procedures on all measures. In addition, students who were trained in the self-monitoring plus summarization strategy outperformed those students in the summarization alone strategy on the transfer measure that used social studies passages.

3. The **Intervention/Strategy** should be described first in detail here with any and all **MATERIALS** described!! Then...lead into a detailed **description of the PROCEDURES/METHODS (instruction/intervention)** that occurred during YOUR application of the strategy. Please make note as to how you amend the procedures/materials/ or other from the article you selected. For example, perhaps there were multiple components of the original intervention/strategy, but you modified a component or selected only a few steps of the strategy. **(10 points)**

**EXAMPLE PROCEDURES/METHODS:**

All Conditions

All conditions received two days of training and one day of testing and all students were seen individually for instruction.

#### Summarization Condition

Students in this condition were taught to ask themselves two questions after reading text: (1) Who or what is this paragraph about? and (2) What is happening to them? Students were also taught that a summary sentence "tells what the whole passage is about in a few words" (p.273). Students were taught to use their answers from the two questions to write their summary sentences on blank lines that had been inserted in between paragraphs. Instruction and practice was provided using this procedure for two days.

#### Summarization Plus Self-Monitoring Condition

Students in this condition were taught the exact same strategy as those in the summarization condition, but also taught to use a self-monitoring strategy as well. After students were taught the summarization strategy on day one, they were taught to use a self-monitoring card to help them to remember to implement the steps of the summarization strategy. For example, students were taught to place a check mark on a card that listed each strategy step as each step was completed. The card contained the questions:

"Who or what is the passage about?"

"What is happening to them?"

Students were required to check-off steps on the monitoring cards as they completed steps. Day two students received review on the procedures from day one and continued to practice using the strategies.

#### Traditional Instruction Condition

Students in this condition previewed stories and practiced vocabulary words identified by the publisher. Then they read the passages and answered questions about the passages throughout the two-day training sessions.

**Note: this section will vary according to the design used in your particular study. Contact the instructor if you have any questions concerning how to adapt this format to the design employed in your study.**

4. Describe all of the **RESULTS** and provide a discussion of your findings. The first few sentences can provide summary accounts of your findings. You should present your findings in comparison to the results found in the original article. Your results can be qualitative (written descriptions) and/or quantitative (numerical measurements). Choose how you describe results based on how the results are described in the original article. In terms of quantitative results, students are only expected to collect raw numbers, calculate percentages, and complete other simple mathematical calculations for comparison purposes with the original article. Complex statistical calculations are not expected. **(8 points)**



EXAMPLE: ...the addition of a self-monitoring sheet for increasing attention appeared to dramatically improve the attention and academic performance of my students with MR and LD during math, but not during reading. I measured rate of attention by.....I measured academic performance with a pre-post test....

5. Then, **EVALUATE** and provide some insights as to why you might have obtained the findings. Describe how you could adapt the strategies to go up and/or down in grade/age and ability levels. For example, if the study was implemented with students with LD from an elementary level, could you adapt the strategy for students with ED and still maintain the effectiveness? How could you adapt the strategies to accommodate students from various cultural and linguistic backgrounds? Describe whether or not you like this strategy personally and provide a rationale for your professional opinion. Use your judgment based upon class discussions, readings, and experiences. **(7 points)**

Guiding Headers for the Strategy Application Written Paper:

- A. Citation (although not traditional placement – you can place the citation of your target article at the top of the page following the cover page).
- B. Summary of Research Article
- C. Intervention/Strategy Description (Be explicit)
- D. Procedures/Methods
- E. Results
- F. Evaluation/Discussion
- G. Appendices (if needed)

RUBRIC for Strategy Application Written Assignment

Exemplary paper (38-40 points): Appropriate research article, appropriate topic, identifies focus of the research study, strategies, and findings. Describes how the strategy was implemented in your own or colleague's classroom (participants, setting, materials, procedures, and results); interventions are clearly described and thoroughly understood; appropriate discussion of findings, and discussion of implications of this intervention for students and how this intervention may be used for future students. Paper is reflective and demonstrates a thorough understanding of the research supported intervention strategy. Good writing style, free of mechanical or stylistic errors, appropriate use of APA format.

Adequate paper (34-37.9 points): Good overall paper, lacking in one or two of the criteria. Not entirely reflective or thoughtful, or minor writing style errors may be present.

**Marginal paper (32-33.9):** Overall, acceptable but with one or more significant problems. Contains some useful information, but may have substantial problems with evaluation, writing style.

**Inadequate paper (1-31.9):** Paper with substantial problems in important areas such as writing, description of interventions, overall thoughtfulness.

**Unacceptable/no paper: (0 points):** Paper not relevant to the assignment or no paper turned in at all. May describe an article of no value or relevance, or that was not approved for this assignment.

**Strategy Application Presentation – (10 points)**

1. Be prepared to present a 5-minute oral summary of your Strategy Application Written Paper. Presentation elements should incorporate all major parts of your Strategy Application Written Paper.
2. Prepare a 5-7 slide PowerPoint for your presentation – please provide a digital copy for the instructor through the Assignments Tab in Blackboard prior to the start of class on the due date.
3. Prepare materials to use in your presentation.

**RUBRIC for Strategy Application Presentation**

**Exemplary presentation: (10 point range):** Keeps within the time limits; demonstrates knowledge of research topic and is able to effectively convey information to audience; reflects poise, clarity, knowledge and enthusiasm; effective use of prepared materials; keeps the audience engaged

**Adequate presentation: (8 point range):** Good overall presentation, but may be lacking in one or two of the criteria specified in exemplary response. May seem a little less prepared or somewhat unclear in understanding of topic.

**Marginal presentation (6 point range):** Presentation provides relevant information, but demonstrates a limited understanding of topic or project. Style or visuals may be less than adequate.

**Inadequate presentation (2-4 point range):** Weak overall presentation that reflects very little knowledge of topic or project. Appears poorly prepared or has not followed directions. Visual aids are lacking.

**Unacceptable: (0 points):** No presentation or completely unsatisfactory presentation with no preparation evident.

Class	Topic	Before the Next class, I need to:	My notes....
Class 1 7/5	REVIEW SYLLABUS, TEXT, and BLACKBOARD Overview of Expectations/Assignments  Discuss Field Placements  1) What is a Strategy? What is an EBP? 2) Small group activity: What is a strategy? Why is the relationship between research and practice important? Where do I fit? 3) Assign Groups for Review Journal Articles Activity  <b>Writing Assignment/Reflection:</b> Why is the relationship between research and practice important? Where do I fit?	Read article in consideration of writing assignment: EDSE 628, Section CO1 Fairfax, Summer 2011, Leins Horner, R. (2001). Research in Special Education: What Scientific Methods and Evidence Based Practice. <i>Exceptionality</i> , 71 (2), 137-148.	
Class 2 7/6	Research Class Empirical Research ppt Small group activity: Review Journal Articles <i>Begin search for research article with strategy investigated for signature assignment</i>	Read Chapter 6 (Effective Instruction for All Students) Review 2 Language Experience docs under Class 1 & 3	
Class 3 7/7	Effective instruction for all students...Looks Like? Components of an Effective Lesson Methods & Strategies Teaching Objectives Evaluations/Assessments  * VAKT/Learning Visual Tools Modeled  1) Full Group Discussion: Share Reflections  * Demonstration & Sign up for Learning Visual/VAKT tool Discuss Field Placements/Bring in Email Confirmation	Read Chapter 8 (Promoting Inclusion with Classroom Peers) <a href="http://iris.peabody.vanderbilt.edu/index.html">http://iris.peabody.vanderbilt.edu/index.html</a> <b>PALS* – a research validated strategy</b> <b>1. Complete Module study from IRIS website. Under Learning Strategies: PALS</b> (select one of the three options relevant for your grade level of interest) <b>2. Bring thoughts &amp; assessment to class for discussion &amp; email by 7/11</b>	
Class 4 7/11	Effective instruction for all students...Looks Like? Components of an Effective Lesson Methods & Strategies, Teaching Objectives Evaluations/Assessments  Peer tutoring* and cooperative learning*  1) PALS online lesson: group discussion of thoughts & assessment from lesson activity by level.	Read Chapter 9 (Motivation & Affect)  Prepare for an <b>in-class quiz</b> on Chapter 9 reading. Come to class prepared to share article(s) found & reason for choice or questions.  Bring in (or ready to share) ONE tool you incorporate to improve student motivation and affect Complete search for research article with strategy investigated for <i>signature assignment</i> and bring to (or send electronically) ME for approval by Class 5, 7/12.	
Class 5 7/12	Motivation & Affect  1) Share article(s) found for research with strategy investigated for signature assignment & reasons for choice or questions about article. Color Jigsaw 2) Share your tool of motivation/affect!! 3) Chapter 9 Quiz <b>Partner Project (Unit Plan)Time-form groups using essential knowledge (learning objective) from the SOL'S based on a content area of instruction (Clock Strategy)</b>	Review Self-Monitoring Tools document for in-class activity	
Class 6 7/13	Goal Setting*; Self-monitoring*; Opportunities to Respond (OTR)*; Response Cards; Feedback*  1. Identify elements of a positive and motivating learning environment (videos); Jigsaw activity 2. Review Self-Monitoring Tools document for in-class activity  <b>Learning Visual/VAKT tool Share</b>	Read Chapter 10 (Attention and Memory)  <b>For next class, locate and bring in essential knowledge (learning objective) from the SOL'S based on a content area of instruction</b>  <b>Complete Components #1 &amp; 2 of strategy paper in draft form for Class 7.</b>	

<p>Class 7 7/14</p>	<p>Attention and Memory; Test your memory</p> <ul style="list-style-type: none"> <li>• Meta-cognition* demo</li> <li>• Think Aloud</li> <li>• Mnemonics*</li> </ul> <p><b>Learning Visual/VAKT tool Share</b></p>	<p>Read Chapter 11 (Teaching Study Skills)</p> <p>Pick 2 strategies from reading &amp; detail possible applications to Group Project. Come prepared to share.</p>	
<p>Class 8 7/18</p>	<p>Teaching Study Skills Organizational, Listening, Study &amp; Project Strategies</p> <p><b>Guest Speaker on Study Skills</b></p> <p>Study Skills Strategy Carousel Share Partner Project Time</p>	<p>Read Chapter 12</p> <p>Review Sample Sally’s Lesson Plan and Identify the components. <b>(2point activity to complete Due Class 10)</b></p>	
<p>Class 9 7/19</p>	<p>Assessment</p> <p>Review of Running Records, miscue analysis* Video Curriculum-Based Assessments* (CBA) Activity</p> <p>Simulate informal reading assessments to guide instruction</p> <p>Partner Project (Lesson Plan)Time</p> <p><b>Learning Visual/VAKT tool Share</b></p>	<p><b>Read Article “Myths of Learning to Read” Class 9 folder</b></p>	
<p>Class 10 7/20</p>	<p>LITERACY/ Part I: Overview of Five Domains,</p> <p>Reading ppt Review Sally Sample Lesson Plan ‘Myths’ Article activity</p> <p>Partner Project (Lesson Plan)Time</p>	<p>Read Chapter 13 (Literacy) <b>“Writing”/Self-Regulated Strategies”</b> <a href="http://iris.peabody.vanderbilt.edu/index.html">http://iris.peabody.vanderbilt.edu/index.html</a> <b>Learning Strategies: Improving Writing Performance: A Strategy for Writing Expository Essays</b> <b>(Counts as last quiz grade)</b> Complete questions #1-4. Email by 7/24</p>	
<p>Class 11 7/21</p>	<p>Problems in Student Reading - Case Study Profiles</p> <ol style="list-style-type: none"> <li>1) <a href="http://www.iris.peabody.vanderbilt.edu">http://www.iris.peabody.vanderbilt.edu</a></li> <li>2) ‘Reading, Literacy &amp; Language Arts.’</li> <li>3) ‘Case Studies’ &amp; then ‘Early Reading’.</li> <li>4) You will be reading a total of 5 case studies: choose 3 from Level A, &amp; then one each from Levels B &amp; C for a total of 5.</li> <li>5) For each case study complete the <b>Assignment</b> section. Remember to use the ‘Star Resources’ within the Case Study document.</li> <li>6) Send this assignment to me by Sunday 7/24. Bring a hard copy to class for review &amp; discussion in groups 7/25.</li> </ol>	<p>Read ‘Reading Next’ &amp; Putting Reading First’ in Class 11 folder &amp; write reflection: go back to either the <i>Reading Next</i> or <i>NRP</i> publications, choose one &amp; reflect on how that particular research-based document relates to classroom practice. Use examples from the Case Studies or your own experience to illustrate your point(s). This should be 1-2 pgs.</p>	
<p>Class 12 7/25</p>	<p>LITERACY/ Part I: Decoding, Fluency Miscue Analysis Case Study Activity</p> <p><b>Group Project Time</b> <b>Learning Visual/VAKT tool Share</b></p>	<p>Work on Projects</p>	
<p>Class 13 7/26</p>	<p><b>Partner Lesson Plan Presentations</b></p> <p><b>APA Review</b></p>	<p><b>Read Article “Actively Reading Text” on Bb Class 13 Folder</b> Work on Projects</p> <p>Prepare Draft of Strategy Paper for Peer Share</p>	

Class 14 7/27	LITERACY Part I (cont): Comprehension Direct Instruction* reading strategies Word Sorts Activity Elkonin Boxes;  <b>Conferencing Peer Share for Draft of Strategy Paper</b> <b>Group Project Time</b>	Read Chapter 15 Science & Social Studies  Work on paper: Implementing strategy, making modifications as needed, collect data	
Class 15 7/28	LITERACY Part II: Content Area Instruction, Language, and Writing Read Aloud demo (FQC) QAR (Question/Answer Relationship) strategy* Teacher language and questioning techniques* Graphic Organizers*; Semantic Maps	Read Chapter on <b>Written Expression</b> by Polloway et al. (provided by instructor) <i>Use Reading Guide!</i>  <b>Written Expression</b> (in-class quiz) Class 16  Work on paper	
Class 16 8/1	Writing instruction Complex Process of Writing Spelling Instruction Cognitive Strategy instruction*  <b>Written Expression</b> (in-class quiz)	<b>Writing Next Assignment</b> Select 5 of the recommendations. Describe examples of how these would be used in practice in the (your) classroom to teach writing effectively. Any content area example can be used. Bring to next class. Read Chapter 14 (Math)  Work on paper	
Class 17 8/2	Writing Next Activity Math – principals of math instruction ; NCTM Math materials and manipulatives Evaluate math materials, design effective strategies for teaching math to students with disabilities.	Work on paper	
Class 18 8/3	Finish Math – principals of math instruction ; NCTM  <b>Strategy Application Presentations</b>	<b>Paper Due to Instructor TODAY</b>	
Class 19 8/4	<b>Strategy Application Presentations</b>		

**NOTE:**

- \* This syllabus may change according to class needs.
- \* **If you need course adaptations or accommodations because of a disability or if you have emergency medical information to share with instructor or need special arrangements, please call and/or make an appointment with instructor as soon as possible.**