

Name: _____ Social Security # _____

Transcript Review Worksheet**Endorsement #19: Middle Grades****Instructional Level: Grades 5-9**

The holder is authorized to teach one or more of the following content areas – Science, History/Social Sciences, English Language Arts, Mathematics – in grades 5 – 9 as specified on the endorsement.

Additional Requirements: A minimum of a practicum, or the equivalent, at the middle grades level (5-9) in science, social studies, math, or English.

REQUIRED TESTING as of March 1, 2007: Praxis II Subject Assessment in Middle School
English - Language Arts: test code 0049, Mathematics: test code 0069, Science: test code 0439 or Social Studies: test code 0089, as appropriate to the content area(s) sought. **Educators who have a passing score on the secondary Praxis II exam in the appropriate content area are exempt from taking the middle school test in that area.**

In order to qualify for this endorsement, the candidate shall demonstrate the following:

Content Topic	College/University	Course Number	# of Credits	Course Title
Professional Knowledge:				
Developmental nature and needs of early adolescents				
Middle grades curriculum and instruction				
Middle grades organizational techniques				
Embedded literacy strategies				
Additional Requirements:				
A minimum of a practicum, or the equivalent, at the middle grades level (5-9) in science, social studies, math, or English.				
IN ADDITION: In order to qualify for the Middle Grades endorsement you must address the requirements for at least one of the four sub-endorsement/minor areas listed on the following pages. [Please note that you may teach only the sub-endorsement/minor area(s) specified on your license.]				

For the sub-endorsement/minor of English Language Arts:	College/ University	Course Number	# of Credits	Course Title
A minor in English or Comparative Literature, or the equivalent in undergraduate and/or graduate coursework. [The equivalent of a minor is defined as no less than 18 academic credits, at least six (6) of which shall be advanced undergraduate courses or higher.]				
State and national standards and content, concepts, and skills in the areas of:				
1. Oral language acquisition and the relationship between oral language development and literacy development				
2. Processes and components of reading comprehension and fluency, and the factors that influence comprehension and fluency				
3. Process of writing development and components of effective written expression				
4. Instructional strategies to support development of: <ul style="list-style-type: none"> a. oral expression and vocabulary, b. critical analysis and interpretation of ideas and information (fiction and non-fiction), c. written expression, and d. reading comprehension and fluency 				
5. Assessment of literacy development and adaptation of instruction for individual students				

1. Individuals who already hold the secondary endorsement in this content area need not complete the above. In this circumstance, the only requirement for the sub-endorsement/minor is passage of the Middle Grades or secondary Praxis II exam (see test codes below).

2. Individuals who do not hold the secondary endorsement in this area but who hold at least one other middle grades sub-endorsement/minor need only meet the following requirements:

Passage of the required Praxis II examination in Middle School English Language Arts (test code 0049) or English (test code 0041 or 0042) and evidence of coursework addressing topics 1 through 5 above.

For the sub-endorsement/minor of Science:	College/ University	Course Number	# of Credits	Course Title
A minor in biology, chemistry, physics, or earth/environmental/atmospheric sciences, or a combination thereof, or the equivalent in undergraduate and/or graduate coursework. [The equivalent of a minor is defined as no less than 18 academic credits, at least six (6) of which shall be advanced undergraduate courses or higher.]				
1. State and national standards and content, concepts, and skills in the areas of:				
a. Life Sciences				
b. Physical Sciences				
c. Earth, Environmental, and Atmospheric Sciences				
d. Living and Non-Living Systems				
2. Scientific method and investigatory procedures (you must have a laboratory course in science to fulfill this requirement)				
3. Process of development of students' scientific thinking, common misconceptions in scientific reasoning held by students and implications for instruction				
4. History of science				
5. Equity issues and strategies in science education				
6. Science teaching methods				

1. Individuals who already hold the secondary endorsement in this content area need not complete the above. In this circumstance, the only requirement for the sub-endorsement/minor is passage of the Middle Grades or secondary Praxis II exam (see test codes below).

2. Individuals who do not hold the secondary endorsement in this area but who hold at least one other middle grades sub-endorsement/minor need only meet the following requirements:

Passage of the Praxis II examination in Middle School Science (test code 0439) or General Science (test code 0433 or 0435) and evidence of coursework addressing topics 3 through 6 above.

For the sub-endorsement/minor of Mathematics:	College/ University	Course Number	# of Credits	Course Title
A minor in mathematics, or the equivalent in undergraduate and/or graduate coursework. [The equivalent of a minor is defined as no less than 18 academic credits, at least six (6) of which shall be advanced undergraduate courses or higher.]				
1. State and national standards and specific content, concepts, and skills recommended for middle grades teachers in <i>The Mathematical Education of Teachers</i> (CBMS, 2001) in the areas of:				
a. Number and Operations				
b. Algebra and Functions				
c. Geometry and Measurement				
d. Data analysis, Statistics, and Probability				
2. Development of students' mathematical thinking, common misconceptions in mathematical reasoning held by students and implications for instruction				
3. History of mathematics				
4. Equity issues and strategies in mathematics education				
5. Mathematics teaching methods				

1. Individuals who already hold the secondary endorsement in this content area need not complete the above. In this circumstance, the only requirement for the sub-endorsement/minor is passage of the Middle Grades or secondary Praxis II exam (see test codes below).

2. Individuals who do not hold the secondary endorsement in this area but who hold at least one other middle grades sub-endorsement/minor need only meet the following requirements:

Passage of the Praxis II examination in Middle School Mathematics (test code 0069) or Mathematics (test code 0061 or 0063) and evidence of coursework addressing topics 2 through 5 above.

For the sub-endorsement/minor of History and the Social Sciences	College/ University	Course Number	# of Credits	Course Title
A minor in history, political science, economics, or geography, or a combination thereof, or the equivalent, in undergraduate and/or graduate coursework. . [The equivalent of a minor is defined as no less than 18 academic credits, at least six (6) of which shall be advanced undergraduate courses or higher.]				
1. State and national standards and content, concepts, and skills in the area of:				
a. American and World History				
b. Cultural Geography (coursework in cultural anthropology and non-Western area studies will meet this requirement as well)				
c. Diversity, Unity, Identity and Interdependence (may be demonstrated by courses in a number of academic areas in addition to history, geography, civics, and economics)				
d. Citizenship/Government				
2. Development of students' historical thinking, common misconceptions in historical reasoning held by students and implications for instruction				
3. Social studies teaching methods				

1. Individuals who already hold the secondary endorsement in this content area need not complete the above. In this circumstance, the only requirement for the sub-endorsement/minor is passage of the Middle Grades or secondary Praxis II exam (see test codes below).

2. Individuals who do not hold the secondary endorsement in this area but who hold at least one other middle grades sub-endorsement/minor need only meet the following requirements:

Passage of the Praxis II examination in Middle School Social Studies (test code 0089) or Social Studies (test code 0081 or 0083) and evidence of coursework addressing topics 2 and 3 above.