

# MINNESOTA TEACHER LICENSURE EXAMINATIONS (MTLE)<sup>SM</sup>

## MIDDLE LEVEL ENDORSEMENT SCIENCE (GRADES 5–8) FEBRUARY 2010 MATCH STUDY

The Match Study table below provides information about possible alignment of knowledge and skills represented in the MTLE framework for the test field with the Minnesota Standards and Rules for Teachers. It was produced using the Minnesota Standards and Rules for Teachers that were publicly available at the time of framework development. For each MTLE objective, the corresponding rule(s) is indicated if the content of a standard is covered, in whole or in part, by the objective. An indication of alignment in the Match Study table does not necessarily imply complete congruence of the content of an MTLE objective with any corresponding rule.

MTLE Middle Level Endorsement Science (Grades 5–8) Objective	Minnesota Middle Level Endorsement for Teachers of General Science 8710.3340 Subject Matter Standards and MN Rules for Teachers of Science 8710.4750 Subject Matter Standards
1	8710.4750; Subpart 3 A.1.a–f, B.1, B.3, C.1, E.2
2	8710.4750; Subpart 3 A.2.a–c, 8710.4750; Subpart 3 B.1.a–c, 8710.4750; Subpart 3 E.7
3	8710.3340; Subpart 3.D
4	8710.4750; Subpart 3.D.1.a
5	8710.4750; Subpart 3.D.1.a–b
6	8710.4750; Subpart 3.D.1.c
7	8710.4750; Subpart 3.D.1.d
8	8710.4750; Subpart 3.D.2.a
9	8710.4750; Subpart 3.D.2.b
10	8710.4750; Subpart 3.D.2.c
11	8710.4750; Subpart 3.D.2.d
12	8710.4750; Subpart 3.D.3.a
13	8710.4750; Subpart 3.D.3.b–c
14	8710.4750; Subpart 3.D.3.d
15	8710.4750; Subpart 3.D.3.e
16	8710.4750; Subpart 3.D.1.f

### Notes:

- The Match Study table for this test field was made available to the MTLE Content Advisory Committee during its review of the draft test framework. The Committee was asked to review; revise, as needed; and confirm the test framework. The Committee was not required to use the table or to confirm its accuracy. In most cases, the Committee had available the Minnesota Standards and Rules for Teachers. Minnesota standards and other standards may have changed since the time of the development of the test framework.
- Per the Minnesota Standards and Rules for Teachers, the content area knowledge of candidates for teacher licensure is measured primarily by the MTLE content area tests. Pedagogical knowledge and skills are assessed through other means, such as the three MTLE pedagogical examinations: Early Childhood, Elementary, and Secondary.