



JENNIFER M. GRANHOLM  
GOVERNOR

## MEMORANDUM

**TO:** Local and Intermediate School District Superintendents, Public School Academy and Nonpublic School Administrators, Human Resource Directors

**FROM:** Sally Vaughn, Ph.D., Deputy Superintendent/Chief Academic Officer

**DATE:** August 13, 2007

**SUBJECT: MULTI-DISCIPLINE SCIENCE ENDORSEMENTS**

This memorandum highlights three multi-discipline science endorsements: **Science (DX)**, **Integrated Science (DI)**, for elementary and secondary teaching certificates, and **Physical Science (DP)**.

- The Integrated Science (DI) elementary endorsement authorizes placement in grades K-8 single or multi-discipline science classrooms. Common examples are: life science/biology, physical science (chemistry and physics), earth/space science (geology and earth science), integrated science, or general science.
- The Integrated Science (DI) secondary endorsement authorizes placement in grades 6-12 single or multi-disciplinary science classrooms. Common examples are: biology, chemistry, physics, earth/space science, life science, physical science, integrated science, or general science.
- The Physical Science (DP) endorsement authorizes placement in grades 6-12 chemistry, physics, and physical science. Beginning with the 2012 school year, new grades 6-12 physical science classroom assignments must be staffed with secondary teachers holding the DP, DI, or DX endorsement. Grades 6-12 life science classrooms may continue to be staffed with secondary teachers holding the DA, DI, or DX endorsement. Grades 6-12 earth/space science classrooms may continue to be staffed with secondary teachers holding the DH, DI, or DX endorsement.
- The current General Science (DX) endorsement authorizes placement in grades 6-12 single or multi-disciplinary science classrooms. Common examples are: biology, chemistry, physics, earth/space science, life science, physical science, integrated science, or general science.

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The DX, DI, and DP endorsements provide instructional options for teachers and administrators. After December 2003, no new teacher candidates began DX preparation programs, either elementary or secondary. Candidates enrolled in the DX preparation programs prior to December 2003, should have completed their programs by July 2007 in order to give them sufficient time to pass the MTTC DX endorsement exam before the last test administration date in July 2008.

I hope that this memo will be useful in your staffing single or multi-disciplinary science classrooms with qualified teachers. Please contact Dr. Steven Stegink at 517-241-4945 or by e-mail at [steginks@michigan.gov](mailto:steginks@michigan.gov) if you have any questions.