

1.1 moves to amend H.F. No. 682 as follows:

1.2 Delete everything after the enacting clause and insert:

1.3 "Section 1. Minnesota Statutes 2011 Supplement, section 120B.023, subdivision 2,
1.4 is amended to read:

1.5 Subd. 2. **Revisions and reviews required.** (a) The commissioner of education must
1.6 revise and appropriately embed technology and information literacy standards consistent
1.7 with recommendations from school media specialists into the state's academic standards
1.8 and graduation requirements and implement a review cycle for state academic standards
1.9 and related benchmarks, consistent with this subdivision. During each review cycle, the
1.10 commissioner also must examine the alignment of each required academic standard and
1.11 related benchmark with the knowledge and skills students need for college readiness and
1.12 advanced work in the particular subject area.

1.13 (b) The commissioner in the 2006-2007 school year must revise and align the state's
1.14 academic standards and high school graduation requirements in mathematics to require
1.15 that students satisfactorily complete the revised mathematics standards, beginning in the
1.16 2010-2011 school year. Under the revised standards:

1.17 (1) students must satisfactorily complete an algebra I credit by the end of eighth
1.18 grade; and

1.19 (2) students scheduled to graduate in the 2014-2015 school year or later must
1.20 satisfactorily complete an algebra II credit or its equivalent.

1.21 The commissioner also must ensure that the statewide mathematics assessments
1.22 administered to students in grades 3 through 8 and 11 are aligned with the state academic
1.23 standards in mathematics, consistent with section 120B.30, subdivision 1, paragraph

1.24 (b). The commissioner must implement a review of the academic standards and related
1.25 benchmarks in mathematics beginning in the 2015-2016 school year.

1.26 (c) The commissioner in the 2007-2008 school year must revise and align the state's
1.27 academic standards and high school graduation requirements in the arts to require that

2.1 students satisfactorily complete the revised arts standards beginning in the 2010-2011
 2.2 school year. The commissioner must implement a review of the academic standards and
 2.3 related benchmarks in arts beginning in the 2016-2017 school year.

2.4 (d) The commissioner in the 2008-2009 school year must revise and align the state's
 2.5 academic standards and high school graduation requirements in science to require that
 2.6 students satisfactorily complete the revised science standards, beginning in the 2011-2012
 2.7 school year. Under the revised standards, students scheduled to graduate in the 2014-2015
 2.8 school year or later must satisfactorily complete a chemistry, or physics, credit or a career
 2.9 and technical education credit that meets the standards underlying either utilizes standards
 2.10 associated with the chemistry or, physics, or biology credit or a combination thereof. The
 2.11 commissioner must implement a review of the academic standards and related benchmarks
 2.12 in science beginning in the 2017-2018 school year.

2.13 (e) The commissioner in the 2009-2010 school year must revise and align the state's
 2.14 academic standards and high school graduation requirements in language arts to require
 2.15 that students satisfactorily complete the revised language arts standards beginning in the
 2.16 2012-2013 school year. The commissioner must implement a review of the academic
 2.17 standards and related benchmarks in language arts beginning in the 2018-2019 school year.

2.18 (f) The commissioner in the 2010-2011 school year must revise and align the state's
 2.19 academic standards and high school graduation requirements in social studies to require
 2.20 that students satisfactorily complete the revised social studies standards beginning in the
 2.21 2013-2014 school year. The commissioner must implement a review of the academic
 2.22 standards and related benchmarks in social studies beginning in the 2019-2020 school year.

2.23 (g) School districts and charter schools must revise and align local academic
 2.24 standards and high school graduation requirements in health, world languages, and career
 2.25 and technical education to require students to complete the revised standards beginning
 2.26 in a school year determined by the school district or charter school. School districts and
 2.27 charter schools must formally establish a periodic review cycle for the academic standards
 2.28 and related benchmarks in health, world languages, and career and technical education.

2.29 Sec. 2. Minnesota Statutes 2010, section 120B.024, is amended to read:

2.30 **120B.024 GRADUATION REQUIREMENTS; COURSE CREDITS.**

2.31 (a) Students beginning 9th grade in the ~~2004-2005~~ 2011-2012 school year and later
 2.32 must successfully complete the following high school level course credits for graduation:

2.33 (1) four credits of language arts;

2.34 (2) three credits of mathematics, encompassing at least algebra, geometry, statistics,
 2.35 and probability sufficient to satisfy the academic standard;

3.1 (3) three credits of science, including at least: (i) one credit in biology; and (ii) one
 3.2 chemistry or physics credit or a technical education credit that utilizes standards associated
 3.3 with the chemistry, physics, or biology credit or a combination thereof;

3.4 (4) three and one-half credits of social studies, encompassing at least United
 3.5 States history, geography, government and citizenship, world history, and economics or
 3.6 three credits of social studies encompassing at least United States history, geography,
 3.7 government and citizenship, and world history, and one-half credit of economics taught in
 3.8 a school's social studies, agriculture education, or business department;

3.9 (5) one credit in the arts; and

3.10 (6) a minimum of seven elective course credits.

3.11 A course credit is equivalent to a student successfully completing an academic
 3.12 year of study or a student mastering the applicable subject matter, as determined by the
 3.13 local school district.

3.14 (b) An agriculture science course may fulfill a science credit requirement ~~in addition~~
 3.15 ~~to other than~~ the specified science ~~credits~~ credit in biology ~~and chemistry or physics~~
 3.16 under paragraph (a), clause (3).

3.17 (c) A career and technical education course may fulfill a science, mathematics, or
 3.18 arts credit requirement ~~in addition to the specified science, mathematics, or arts credits~~
 3.19 under paragraph (a), clause (2), (3), or (5)."

3.20 Delete the title and insert:

3.21 "A bill for an act
 3.22 relating to education; adjusting graduation standards; amending Minnesota
 3.23 Statutes 2010, section 120B.024; Minnesota Statutes 2011 Supplement, section
 3.24 120B.023, subdivision 2."