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**HOUSE BILL NO. 632****AMENDMENT IN THE NATURE OF A SUBSTITUTE**

(Proposed by the House Committee on Education  
on February 7, 2018)

(Patron Prior to Substitute—Delegate Bulova)

*A BILL to amend and reenact § 22.1-253.13:1 of the Code of Virginia, relating to career investigation courses and programs of instruction.*

**Be it enacted by the General Assembly of Virginia:**

**1. That § 22.1-253.13:1 of the Code of Virginia is amended and reenacted as follows:**

**§ 22.1-253.13:1. Standard 1. Instructional programs supporting the Standards of Learning and other educational objectives.**

A. The General Assembly and the Board of Education believe that the fundamental goal of the public schools of the Commonwealth must be to enable each student to develop the skills that are necessary for success in school, preparation for life, and reaching their full potential. The General Assembly and the Board of Education find that the quality of education is dependent upon the provision of (i) the appropriate working environment, benefits, and salaries necessary to ensure the availability of high-quality instructional personnel; (ii) the appropriate learning environment designed to promote student achievement; (iii) quality instruction that enables each student to become a productive and educated citizen of Virginia and the United States of America; and (iv) the adequate commitment of other resources. In keeping with this goal, the General Assembly shall provide for the support of public education as set forth in Article VIII, Section 1 of the Constitution of Virginia.

B. The Board of Education shall establish educational objectives known as the Standards of Learning, which shall form the core of Virginia's educational program, and other educational objectives, which together are designed to ensure the development of the skills that are necessary for success in school and for preparation for life in the years beyond. At a minimum, the Board shall establish Standards of Learning for English, mathematics, science, and history and social science. The Standards of Learning shall not be construed to be regulations as defined in § 2.2-4001.

The Board shall seek to ensure that the Standards of Learning are consistent with a high-quality foundation educational program. The Standards of Learning shall include, but not be limited to, the basic skills of communication (listening, speaking, reading, and writing); computation and critical reasoning, including problem solving and decision making; proficiency in the use of computers and related technology; computer science and computational thinking, including computer coding; and the skills to manage personal finances and to make sound financial decisions.

The English Standards of Learning for reading in kindergarten through grade three shall be based on components of effective reading instruction, to include, at a minimum, phonemic awareness, phonics, fluency, vocabulary development, and text comprehension.

The Standards of Learning in all subject areas shall be subject to regular review and revision to maintain rigor and to reflect a balance between content knowledge and the application of knowledge in preparation for eventual employment and lifelong learning. The Board of Education shall establish a regular schedule, in a manner it deems appropriate, for the review, and revision as may be necessary, of the Standards of Learning in all subject areas. Such review of each subject area shall occur at least once every seven years. Nothing in this section shall be construed to prohibit the Board from conducting such review and revision on a more frequent basis.

To provide appropriate opportunity for input from the general public, teachers, and local school boards, the Board of Education shall conduct public hearings prior to establishing revised Standards of Learning. Thirty days prior to conducting such hearings, the Board shall give notice of the date, time, and place of the hearings to all local school boards and any other persons requesting to be notified of the hearings and publish notice of its intention to revise the Standards of Learning in the Virginia Register of Regulations. Interested parties shall be given reasonable opportunity to be heard and present information prior to final adoption of any revisions of the Standards of Learning.

In addition, the Department of Education shall make available and maintain a website, either separately or through an existing website utilized by the Department of Education, enabling public elementary, middle, and high school educators to submit recommendations for improvements relating to the Standards of Learning, when under review by the Board according to its established schedule, and related assessments required by the Standards of Quality pursuant to this chapter. Such website shall facilitate the submission of recommendations by educators.

School boards shall implement the Standards of Learning or objectives specifically designed for their school divisions that are equivalent to or exceed the Board's requirements. Students shall be expected to achieve the educational objectives established by the school division at appropriate age or grade levels.

60 The curriculum adopted by the local school division shall be aligned to the Standards of Learning.

61 The Board of Education shall include in the Standards of Learning for history and social science the  
62 study of contributions to society of diverse people. For the purposes of this subsection, "diverse"  
63 includes consideration of disability, ethnicity, race, and gender.

64 The Board of Education shall include in the Standards of Learning for health instruction in  
65 emergency first aid, cardiopulmonary resuscitation, and the use of an automated external defibrillator,  
66 including hands-on practice of the skills necessary to perform cardiopulmonary resuscitation. Such  
67 instruction shall be based on the current national evidence-based emergency cardiovascular care  
68 guidelines for cardiopulmonary resuscitation and the use of an automated external defibrillator, such as a  
69 program developed by the American Heart Association or the American Red Cross. No teacher who is  
70 in compliance with subdivision D 5 of § 22.1-298.1 shall be required to be certified as a trainer of  
71 cardiopulmonary resuscitation to provide instruction for non-certification.

72 With such funds as are made available for this purpose, the Board shall regularly review and revise  
73 the competencies for career and technical education programs to require the full integration of English,  
74 mathematics, science, and history and social science Standards of Learning. Career and technical  
75 education programs shall be aligned with industry and professional standard certifications, where they  
76 exist.

77 *The Board shall establish content standards and curriculum guidelines for courses in career*  
78 *investigation in elementary school, middle school, and high school. Each school board shall (i) require*  
79 *each middle school student to take at least one course in career investigation or (ii) select an alternate*  
80 *means of delivering the career investigation course to each middle school student, provided that such*  
81 *alternative is equivalent in content and rigor and provides the foundation for such students to develop*  
82 *their academic and career plans. Any school board may require (a) such courses in career investigation*  
83 *at the high school level as it deems appropriate, subject to Board approval as required in subsection A*  
84 *of § 22.1-253.13:4, and (b) such courses in career investigation at the elementary school level as it*  
85 *deems appropriate. The Board shall develop and disseminate to each school board career investigation*  
86 *resource materials that are designed to ensure that students have the ability to further explore interest*  
87 *in career and technical education opportunities in middle and high school. In developing such resource*  
88 *materials, the Board shall consult with representatives of career and technical education, industry,*  
89 *skilled trade associations, chambers of commerce or similar organizations, and contractor organizations.*

90 C. Local school boards shall develop and implement a program of instruction for grades K through  
91 12 that is aligned to the Standards of Learning and meets or exceeds the requirements of the Board of  
92 Education. The program of instruction shall emphasize reading, writing, speaking, mathematical concepts  
93 and computations, proficiency in the use of computers and related technology, computer science and  
94 computational thinking, including computer coding, and scientific concepts and processes; essential skills  
95 and concepts of citizenship, including knowledge of Virginia history and world and United States  
96 history, economics, government, foreign languages, international cultures, health and physical education,  
97 environmental issues, and geography necessary for responsible participation in American society and in  
98 the international community; fine arts, which may include, but need not be limited to, music and art,  
99 and practical arts; knowledge and skills needed to qualify for further education, gainful employment, or  
100 training in a career or technical field; and development of the ability to apply such skills and knowledge  
101 in preparation for eventual employment and lifelong learning and to achieve economic self-sufficiency.

102 Local school boards shall also develop and implement programs of prevention, intervention, or  
103 remediation for students who are educationally at risk including, but not limited to, those who fail to  
104 achieve a passing score on any Standards of Learning assessment in grades three through eight or who  
105 fail an end-of-course test required for the award of a verified unit of credit. Such programs shall include  
106 components that are research-based.

107 Any student who achieves a passing score on one or more, but not all, of the Standards of Learning  
108 assessments for the relevant grade level in grades three through eight may be required to attend a  
109 remediation program.

110 Any student who fails to achieve a passing score on all of the Standards of Learning assessments for  
111 the relevant grade level in grades three through eight or who fails an end-of-course test required for the  
112 award of a verified unit of credit shall be required to attend a remediation program or to participate in  
113 another form of remediation. Division superintendents shall require such students to take special  
114 programs of prevention, intervention, or remediation, which may include attendance in public summer  
115 school programs, in accordance with clause (ii) of subsection A of § 22.1-254 and § 22.1-254.01.

116 Remediation programs shall include, when applicable, a procedure for early identification of students  
117 who are at risk of failing the Standards of Learning assessments in grades three through eight or who  
118 fail an end-of-course test required for the award of a verified unit of credit. Such programs may also  
119 include summer school for all elementary and middle school grades and for all high school academic  
120 courses, as defined by regulations promulgated by the Board of Education, or other forms of  
121 remediation. Summer school remediation programs or other forms of remediation shall be chosen by the

division superintendent to be appropriate to the academic needs of the student. Students who are required to attend such summer school programs or to participate in another form of remediation shall not be charged tuition by the school division.

The requirement for remediation may, however, be satisfied by the student's attendance in a program of prevention, intervention or remediation that has been selected by his parent, in consultation with the division superintendent or his designee, and is either (i) conducted by an accredited private school or (ii) a special program that has been determined to be comparable to the required public school remediation program by the division superintendent. The costs of such private school remediation program or other special remediation program shall be borne by the student's parent.

The Board of Education shall establish standards for full funding of summer remedial programs that shall include, but not be limited to, the minimum number of instructional hours or the equivalent thereof required for full funding and an assessment system designed to evaluate program effectiveness. Based on the number of students attending and the Commonwealth's share of the per pupil instructional costs, state funds shall be provided for the full cost of summer and other remediation programs as set forth in the appropriation act, provided such programs comply with such standards as shall be established by the Board, pursuant to § 22.1-199.2.

D. Local school boards shall also implement the following:

1. Programs in grades K through three that emphasize developmentally appropriate learning to enhance success.

2. Programs based on prevention, intervention, or remediation designed to increase the number of students who earn a high school diploma and to prevent students from dropping out of school. Such programs shall include components that are research-based.

3. Career and technical education programs incorporated into the K through 12 curricula that include:

a. Knowledge of careers and all types of employment opportunities, including, but not limited to, apprenticeships, entrepreneurship and small business ownership, the military, and the teaching profession, and emphasize the advantages of completing school with marketable skills;

b. Career exploration opportunities in the middle school grades;

c. Competency-based career and technical education programs that integrate academic outcomes, career guidance, and job-seeking skills for all secondary students. Programs shall be based upon labor market needs and student interest. Career guidance shall include counseling about available employment opportunities and placement services for students exiting school. Each school board shall develop and implement a plan to ensure compliance with the provisions of this subdivision. Such plan shall be developed with the input of area business and industry representatives and local comprehensive community colleges and shall be submitted to the Superintendent of Public Instruction in accordance with the timelines established by federal law; and

d. Annual notice on its website to enrolled high school students and their parents of (i) the availability of the postsecondary education and employment data published by the State Council of Higher Education on its website pursuant to § 23.1-204.1 and (ii) the opportunity for such students to obtain a nationally recognized career readiness certificate at a local public high school, comprehensive community college, or workforce center.

4. Educational objectives in middle and high school that emphasize economic education and financial literacy pursuant to § 22.1-200.03.

5. Early identification of students with disabilities and enrollment of such students in appropriate instructional programs consistent with state and federal law.

6. Early identification of gifted students and enrollment of such students in appropriately differentiated instructional programs.

7. Educational alternatives for students whose needs are not met in programs prescribed elsewhere in these standards. Such students shall be counted in average daily membership (ADM) in accordance with the regulations of the Board of Education.

8. Adult education programs for individuals functioning below the high school completion level. Such programs may be conducted by the school board as the primary agency or through a collaborative arrangement between the school board and other agencies.

9. A plan to make achievements for students who are educationally at risk a divisionwide priority that shall include procedures for measuring the progress of such students.

10. An agreement for postsecondary degree attainment with a comprehensive community college in the Commonwealth specifying the options for students to complete an associate degree or a one-year Uniform Certificate of General Studies from a comprehensive community college concurrent with a high school diploma. Such agreement shall specify the credit available for dual enrollment courses and Advanced Placement courses with qualifying exam scores of three or higher.

11. A plan to notify students and their parents of the availability of dual enrollment and advanced placement classes, career and technical education programs, the International Baccalaureate Program, and

183 Academic Year Governor's School Programs, the qualifications for enrolling in such classes and  
184 programs, and the availability of financial assistance to low-income and needy students to take the  
185 advanced placement and International Baccalaureate examinations. This plan shall include notification to  
186 students and parents of the agreement with a comprehensive community college in the Commonwealth  
187 to enable students to complete an associate degree or a one-year Uniform Certificate of General Studies  
188 concurrent with a high school diploma.

189 12. Identification of students with limited English proficiency and enrollment of such students in  
190 appropriate instructional programs.

191 13. Early identification, diagnosis, and assistance for students with reading and mathematics problems  
192 and provision of instructional strategies and reading and mathematics practices that benefit the  
193 development of reading and mathematics skills for all students.

194 Local school divisions shall provide reading intervention services to students in kindergarten through  
195 grade three who demonstrate deficiencies based on their individual performance on the Standards of  
196 Learning reading test or any reading diagnostic test that meets criteria established by the Department of  
197 Education. Local school divisions shall report the results of the diagnostic tests to the Department of  
198 Education on an annual basis, at a time to be determined by the Superintendent of Public Instruction.  
199 Each student who receives early intervention reading services will be assessed again at the end of that  
200 school year. The local school division, in its discretion, shall provide such reading intervention services  
201 prior to promoting a student from grade three to grade four. Reading intervention services may include  
202 the use of: special reading teachers; trained aides; volunteer tutors under the supervision of a certified  
203 teacher; computer-based reading tutorial programs; aides to instruct in-class groups while the teacher  
204 provides direct instruction to the students who need extra assistance; and extended instructional time in  
205 the school day or school year for these students. Funds appropriated for prevention, intervention, and  
206 remediation; summer school remediation; at-risk; or early intervention reading may be used to meet the  
207 requirements of this subdivision.

208 Local school divisions shall provide algebra readiness intervention services to students in grades six  
209 through nine who are at risk of failing the Algebra I end-of-course test, as demonstrated by their  
210 individual performance on any diagnostic test that has been approved by the Department of Education.  
211 Local school divisions shall report the results of the diagnostic tests to the Department of Education on  
212 an annual basis, at a time to be determined by the Superintendent of Public Instruction. Each student  
213 who receives algebra readiness intervention services will be assessed again at the end of that school  
214 year. Funds appropriated for prevention, intervention, and remediation; summer school remediation;  
215 at-risk; or algebra readiness intervention services may be used to meet the requirements of this  
216 subdivision.

217 14. Incorporation of art, music, and physical education as a part of the instructional program at the  
218 elementary school level.

219 15. (Applicable to school years before the 2018-2019 school year) A program of physical fitness  
220 available to all students with a goal of at least 150 minutes per week on average during the regular  
221 school year. Such program may include any combination of (i) physical education classes, (ii)  
222 extracurricular athletics, or (iii) other programs and physical activities deemed appropriate by the local  
223 school board. Each local school board shall incorporate into its local wellness policy a goal for the  
224 implementation of such program during the regular school year.

225 15. (Applicable beginning with the 2018-2019 school year) A program of physical activity available  
226 to all students in grades kindergarten through five consisting of at least 20 minutes per day or an  
227 average of 100 minutes per week during the regular school year and available to all students in grades  
228 six through 12 with a goal of at least 150 minutes per week on average during the regular school year.  
229 Such program may include any combination of (i) physical education classes, (ii) extracurricular  
230 athletics, (iii) recess, or (iv) other programs and physical activities deemed appropriate by the local  
231 school board. Each local school board shall implement such program during the regular school year.

232 16. A program of student services for kindergarten through grade 12 that shall be designed to aid  
233 students in their educational, social, and career development.

234 17. The collection and analysis of data and the use of the results to evaluate and make decisions  
235 about the instructional program.

236 18. A program of instruction in the high school Virginia and U.S. Government course on all  
237 information and concepts contained in the civics portion of the U.S. Naturalization Test.

238 E. From such funds as may be appropriated or otherwise received for such purpose, there shall be  
239 established within the Department of Education a unit to (i) conduct evaluative studies; (ii) provide the  
240 resources and technical assistance to increase the capacity for school divisions to deliver quality  
241 instruction; and (iii) assist school divisions in implementing those programs and practices that will  
242 enhance pupil academic performance and improve family and community involvement in the public  
243 schools. Such unit shall identify and analyze effective instructional programs and practices and  
244 professional development initiatives; evaluate the success of programs encouraging parental and family

involvement; assess changes in student outcomes prompted by family involvement; and collect and disseminate among school divisions information regarding effective instructional programs and practices, initiatives promoting family and community involvement, and potential funding and support sources. Such unit may also provide resources supporting professional development for administrators and teachers. In providing such information, resources, and other services to school divisions, the unit shall give priority to those divisions demonstrating a less than 70 percent passing rate on the Standards of Learning assessments.

F. Each local school board may enter into agreements for postsecondary credential, certification, or license attainment with comprehensive community colleges or other public institutions of higher education or educational institutions established pursuant to Title 23.1 that offer a career and technical education curriculum. Such agreements shall specify (i) the options for students to take courses as part of the career and technical education curriculum that lead to an industry-recognized credential, certification, or license concurrent with a high school diploma and (ii) the credentials, certifications, or licenses available for such courses.

**2. That the Board of Education shall convene a working group with the Virginia Board of Workforce Development to support the further development of an interactive Academic and Career Plan, as prescribed in 8VAC20-131-140, for all students as a virtual portfolio that can provide access to multiple partners and in which all academic and career plans, assessments, credentials, and achievements are tracked in a cloud-based environment for students, teachers, and parents to monitor and manage. The working group shall report its recommendations by November 1, 2018, to the Secretary of Education and the Chief Workforce Development Advisor.**