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Representatives Carfagna, Duffey

Cosponsors: Representatives Brenner, LaTourette, Reineke, Boggs, Hambley, Koehler, Anielski, Antani, Arndt, Ashford, Blessing, Craig, Dever, Edwards, Gavarone, Ginter, Green, Hagan, Howse, Huffman, Kent, Lanese, Leland, Manning, Miller, Pelanda, Perales, Rezabek, Ryan, Schaffer, Scherer, Slaby, Smith, R., Stein, Sweeney, Young

Senators Coley, Terhar

A BILL

Го	amend sections 3301.079, 3313.603, 3317.024, and	1
	3317.062 and to enact sections 3301.012,	2
	3314.0110, 3315.17, 3319.236, and 3326.082 of	3
	the Revised Code with regard to academic content	4
	standards and curriculum requirements for	5
	computer science; to revise educator	6
	qualifications regarding computer science; to	7
	authorize public schools to establish computer	8
	science and technology funds; and to permit a	9
	nonreligious chartered nonpublic school to	10
	choose the manner by which auxiliary services	11
	funding is distributed to the school.	12

BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF OHIO:

Section 1. That sections 3301.079, 3313.603, 3317.024, and	13
3317.062 be amended and sections 3301.012, 3314.0110, 3315.17,	14
3319.236, and 3326.082 of the Revised Code be enacted to read as	15

follows:	16
Sec. 3301.012. As used in Chapters 3301. to 3329. and	17
Chapter 3365. of the Revised Code, "computer science" means	18
logical reasoning, computing systems, networks and the internet,	19
data and analysis, algorithms and programming, impacts of	20
computing, and structured problem solving skills applicable in	21
many contexts from science and engineering to the humanities and	22
business.	23
Sec. 3301.079. (A)(1) The state board of education	24
periodically shall adopt statewide academic standards with	25
emphasis on coherence, focus, and essential knowledge and that	26
are more challenging and demanding when compared to	27
international standards for each of grades kindergarten through	28
twelve in English language arts, mathematics, science, and	29
social studies.	30
(a) The state board shall ensure that the standards do all	31
of the following:	32
(i) Include the essential academic content and skills that	33
students are expected to know and be able to do at each grade	34
level that will allow each student to be prepared for	35
postsecondary instruction and the workplace for success in the	36
<pre>twenty-first century;</pre>	37
(ii) Include the development of skill sets that promote	38
information, media, and technological literacy;	39
(iii) Include interdisciplinary, project-based, real-world	40
learning opportunities;	41
(iv) Instill life-long learning by providing essential	42
knowledge and skills based in the liberal arts tradition, as	43
well as science, technology, engineering, mathematics, and	44

career-technical education;

(v) Be clearly written, transparent, and understandable by 46

- (v) Be clearly written, transparent, and understandable by
 parents, educators, and the general public.
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- (b) Not later than July 1, 2012, the state board shall incorporate into the social studies standards for grades four to twelve academic content regarding the original texts of the Declaration of Independence, the Northwest Ordinance, the Constitution of the United States and its amendments, with emphasis on the Bill of Rights, and the Ohio Constitution, and their original context. The state board shall revise the model curricula and achievement assessments adopted under divisions (B) and (C) of this section as necessary to reflect the additional American history and American government content. The state board shall make available a list of suggested gradeappropriate supplemental readings that place the documents prescribed by this division in their historical context, which teachers may use as a resource to assist students in reading the documents within that context.
- (c) When the state board adopts or revises academic content standards in social studies, American history, American government, or science under division (A)(1) of this section, the state board shall develop such standards independently and not as part of a multistate consortium.
- (2) After completing the standards required by division

 (A) (1) of this section, the state board shall adopt standards and model curricula for instruction in technology, financial literacy and entrepreneurship, fine arts, and foreign language for grades kindergarten through twelve. The standards shall meet the same requirements prescribed in division (A) (1) (a) of this section.

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(3) The state board shall adopt the most recent standards 75 developed by the national association for sport and physical 76 education for physical education in grades kindergarten through 77 twelve or shall adopt its own standards for physical education 78 in those grades and revise and update them periodically. 79 The department of education shall employ a full-time 80 physical education coordinator to provide guidance and technical 81 assistance to districts, community schools, and STEM schools in 82 implementing the physical education standards adopted under this 83 division. The superintendent of public instruction shall 84 85 determine that the person employed as coordinator is qualified for the position, as demonstrated by possessing an adequate 86 combination of education, license, and experience. 87 (4) Not later than December 31, 2018, the state board 88 shall adopt standards and a model curriculum for instruction in 89 computer science in grades kindergarten through twelve, which 90 shall include standards for introductory and advanced computer 91 science courses in grades nine through twelve. When developing 92 the standards and curriculum, the state board shall consider 93 recommendations from computer science education stakeholder 94 groups, including teachers and representatives from higher 95 education, industry, computer science organizations in Ohio, and 96 national computer science organizations. 97 Any district or school may utilize the computer science 98 standards or model curriculum or any part thereof adopted 99 pursuant to division (A)(4) of this section. However, no 100 district or school shall be required to utilize all or any part 101 of the standards or curriculum. 102

(5) When academic standards have been completed for any

subject area required by this section, the state board shall

inform all school districts, all community schools established	105
under Chapter 3314. of the Revised Code, all STEM schools	106
established under Chapter 3326. of the Revised Code, and all	107
nonpublic schools required to administer the assessments	108
prescribed by sections 3301.0710 and 3301.0712 of the Revised	109
Code of the content of those standards. Additionally, upon	110
completion of any academic standards under this section, the	111
department shall post those standards on the department's web	112
site.	113

- (B) (1) The state board shall adopt a model curriculum for 114 instruction in each subject area for which updated academic 115 standards are required by division (A)(1) of this section and 116 for each of grades kindergarten through twelve that is 117 sufficient to meet the needs of students in every community. The 118 model curriculum shall be aligned with the standards, to ensure 119 that the academic content and skills specified for each grade 120 level are taught to students, and shall demonstrate vertical 121 articulation and emphasize coherence, focus, and rigor. When any 122 model curriculum has been completed, the state board shall 123 inform all school districts, community schools, and STEM schools 124 of the content of that model curriculum. 125
- (2) Not later than June 30, 2013, the state board, in 126 consultation with any office housed in the governor's office 127 that deals with workforce development, shall adopt model 128 curricula for grades kindergarten through twelve that embed 129 career connection learning strategies into regular classroom 130 instruction.
- (3) All school districts, community schools, and STEMschools may utilize the state standards and the model curriculumestablished by the state board, together with other relevant134

resources, examples, or models to ensure that students have the	135
opportunity to attain the academic standards. Upon request, the	136
department shall provide technical assistance to any district,	137
community school, or STEM school in implementing the model	138
curriculum.	139
Nothing in this section requires any school district to	140
utilize all or any part of a model curriculum developed under	141
this section.	142
(C) The state board shall develop achievement assessments	143
aligned with the academic standards and model curriculum for	144
each of the subject areas and grade levels required by divisions	145
(A)(1) and (B)(1) of section 3301.0710 of the Revised Code.	146
When any achievement assessment has been completed, the	147
state board shall inform all school districts, community	148
schools, STEM schools, and nonpublic schools required to	149
administer the assessment of its completion, and the department	150
shall make the achievement assessment available to the districts	151
and schools.	152
(D)(1) The state board shall adopt a diagnostic assessment	153
aligned with the academic standards and model curriculum for	154
each of grades kindergarten through two in reading, writing, and	155
mathematics and for grade three in reading and writing. The	156
diagnostic assessment shall be designed to measure student	157
comprehension of academic content and mastery of related skills	158
for the relevant subject area and grade level. Any diagnostic	159
assessment shall not include components to identify gifted	160
students. Blank copies of diagnostic assessments shall be public	161
records.	162

(2) When each diagnostic assessment has been completed,

the state board shall inform all school districts of its	164
completion and the department shall make the diagnostic	165
assessment available to the districts at no cost to the	166
district.	167
(3) School districts shall administer the diagnostic	168
assessment pursuant to section 3301.0715 of the Revised Code	169
beginning the first school year following the development of the	170
assessment.	171
However, beginning with the 2017-2018 school year, both of	172
the following shall apply:	173
(a) In the case of the diagnostic assessments for grades	174
one or two in writing or mathematics or for grade three in	175
writing, a school district shall not be required to administer	176
any such assessment, but may do so at the discretion of the	177
district board;	178
(b) In the case of any diagnostic assessment that is not	179
for the grade levels and subject areas specified in division (D)	180
(3) (a) of this section, each school district shall administer	181
the assessment in the manner prescribed by section 3301.0715 of	182
the Revised Code.	183
(E) The state board shall not adopt a diagnostic or	184
achievement assessment for any grade level or subject area other	185
than those specified in this section.	186
(F) Whenever the state board or the department consults	187
with persons for the purpose of drafting or reviewing any	188
standards, diagnostic assessments, achievement assessments, or	189
model curriculum required under this section, the state board or	190
the department shall first consult with parents of students in	191
kindergarten through twelfth grade and with active Ohio	192

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classroom teachers, other school personnel, and administrators	193
with expertise in the appropriate subject area. Whenever	194
practicable, the state board and department shall consult with	195
teachers recognized as outstanding in their fields.	196
If the department contracts with more than one outside	197
entity for the development of the achievement assessments	198
required by this section, the department shall ensure the	199
interchangeability of those assessments.	200
(G) Whenever the state board adopts standards or model	201
curricula under this section, the department also shall provide	202
information on the use of blended or digital learning in the	203
delivery of the standards or curricula to students in accordance	204
with division (A) $\frac{(4)}{(5)}$ of this section.	205
(H) The fairness sensitivity review committee, established	206
by rule of the state board of education, shall not allow any	207
question on any achievement or diagnostic assessment developed	208
under this section or any proficiency test prescribed by former	209
section 3301.0710 of the Revised Code, as it existed prior to	210
September 11, 2001, to include, be written to promote, or	211
inquire as to individual moral or social values or beliefs. The	212
decision of the committee shall be final. This section does not	213
create a private cause of action.	214
(I)(1)(a) The English language arts academic standards	215
review committee is hereby created to review academic content	216
standards in the subject of English language arts. The committee	217
shall consist of the following members:	218
(i) Three experts who are residents of this state and who	219

primarily conduct research, provide instruction, currently work

in, or possess an advanced degree in the subject area. One

Sub. H. B. No. 170

Page 9

(v) The state superintendent, or the superintendent's	249
designee, who shall serve as the chairperson of the committee.	250
(c) The science academic standards review committee is	251
hereby created to review academic content standards in the	252
subject of science. The committee shall consist of the following	253
members:	254
(i) Three experts who are residents of this state and who	255
primarily conduct research, provide instruction, currently work	256
in, or possess an advanced degree in the subject area. One	257
expert shall be appointed by each of the president of the	258
senate, the speaker of the house of representatives, and the	259
governor;	260
(ii) One parent or guardian appointed by the president of	261
the senate;	262
(iii) One educator who is currently teaching in a	263
classroom, appointed by the speaker of the house of	264
representatives;	265
(iv) The chancellor, or the chancellor's designee;	266
(v) The state superintendent, or the superintendent's	267
designee, who shall serve as the chairperson of the committee.	268
(d) The social studies academic standards review committee	269
is hereby created to review academic content standards in the	270
subject of social studies. The committee shall consist of the	271
following members:	272
(i) Three experts who are residents of this state and who	273
primarily conduct research, provide instruction, currently work	274
in, or possess an advanced degree in the subject area. One	275
expert shall be appointed by each of the president of the	276

senate, the speaker of the house of representatives, and the	277
governor;	278
(ii) One parent or guardian appointed by the speaker of	279
the house of representatives;	280
(iii) One educator who is currently teaching in a	281
classroom, appointed by the president of the senate;	282
(iv) The chancellor, or the chancellor's designee;	283
(v) The state superintendent, or the superintendent's	284
designee, who shall serve as the chairperson of the committee.	285
(2)(a) Each committee created in division (I)(1) of this	286
section shall review the academic content standards for its	287
respective subject area to ensure that such standards are clear,	288
concise, and appropriate for each grade level and promote higher	289
student performance, learning, subject matter comprehension, and	290
improved student achievement. Each committee also shall review	291
whether the standards for its respective subject area promote	292
essential knowledge in the subject, lifelong learning, the	293
liberal arts tradition, and college and career readiness and	294
whether the standards reduce remediation.	295
(b) Each committee shall determine whether the assessments	296
submitted to that committee under division (I)(4) of this	297
section are appropriate for the committee's respective subject	298
area and meet the academic content standards adopted under this	299
section and community expectations.	300
(3) The department of education shall provide	301
administrative support for each committee created in division	302
(I)(1) of this section. Members of each committee shall be	303
reimbursed for reasonable and necessary expenses related to the	304
operations of the committee. Members of each committee shall	305

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serve at the pleasure of the appointing authority.

(4) Notwithstanding anything to the contrary in division 307 (0) of section 3301.0711 of the Revised Code, the department 308 shall submit to the appropriate committee created under division 309 (I) (1) of this section copies of the questions and corresponding 310 answers on the relevant assessments required by section 311 3301.0710 of the Revised Code on the first day of July following 312 the school year that the assessments were administered. The 313 department shall provide each committee with the entire content 314 of each relevant assessment, including corresponding answers. 315

The assessments received by the committees are not public records of the committees and are not subject to release by the committees to any other person or entity under section 149.43 of the Revised Code. However, the assessments shall become public records in accordance with division (O) of section 3301.0711 of the Revised Code.

- (J) Not later than sixty days prior to the adoption by the state board of updated academic standards under division (A)(1) of this section or updated model curricula under division (B)(1) of this section, the superintendent of public instruction shall present the academic standards or model curricula, as applicable, in person at a public hearing of the respective committees of the house of representatives and senate that consider education legislation.
 - (K) As used in this section:
- (1) "Blended learning" means the delivery of instruction 331 in a combination of time in a supervised physical location away 332 from home and online delivery whereby the student has some 333 element of control over time, place, path, or pace of learning. 334

(2) "Coherence" means a reflection of the structure of the	335
discipline being taught.	336
(3) "Digital learning" means learning facilitated by	337
technology that gives students some element of control over	338
time, place, path, or pace of learning.	339
(4) "Focus" means limiting the number of items included in	340
a curriculum to allow for deeper exploration of the subject	341
matter.	342
(5) "Vertical articulation" means key academic concepts	343
and skills associated with mastery in particular content areas	344
should be articulated and reinforced in a developmentally	345
appropriate manner at each grade level so that over time	346
students acquire a depth of knowledge and understanding in the	347
core academic disciplines.	348
Sec. 3313.603. (A) As used in this section:	349
(1) "One unit" means a minimum of one hundred twenty hours	350
of course instruction, except that for a laboratory course, "one	351
unit" means a minimum of one hundred fifty hours of course	352
unit" means a minimum of one hundred fifty hours of course instruction.	352 353
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instruction.	353
instruction. (2) "One-half unit" means a minimum of sixty hours of	353 354
<pre>instruction. (2) "One-half unit" means a minimum of sixty hours of course instruction, except that for physical education courses,</pre>	353 354 355
instruction. (2) "One-half unit" means a minimum of sixty hours of course instruction, except that for physical education courses, "one-half unit" means a minimum of one hundred twenty hours of	353 354 355 356
instruction. (2) "One-half unit" means a minimum of sixty hours of course instruction, except that for physical education courses, "one-half unit" means a minimum of one hundred twenty hours of course instruction.	353 354 355 356 357
instruction. (2) "One-half unit" means a minimum of sixty hours of course instruction, except that for physical education courses, "one-half unit" means a minimum of one hundred twenty hours of course instruction. (B) Beginning September 15, 2001, except as required in	353 354 355 356 357
instruction. (2) "One-half unit" means a minimum of sixty hours of course instruction, except that for physical education courses, "one-half unit" means a minimum of one hundred twenty hours of course instruction. (B) Beginning September 15, 2001, except as required in division (C) of this section and division (C) of section	353 354 355 356 357 358

Sub. H. B. No. 170

Page 14

first time on or after July 1, 2010, except as provided in	389
divisions (D) to (F) of this section, the requirements for	390
graduation from every public and chartered nonpublic high school	391
shall include twenty units that are designed to prepare students	392
for the workforce and college. The units shall be distributed as	393
follows:	394
(1) English language arts, four units;	395
(2) Health, one-half unit, which shall include instruction	396
in nutrition and the benefits of nutritious foods and physical	397
activity for overall health;	398
(3) Mathematics, four units, which shall include one unit	399
of algebra II or the equivalent of algebra II, or one unit of	400
advanced computer science as described in the standards adopted	401
pursuant to division (A)(4) of section 3301.079 of the Revised	402
Code. However, students who enter ninth grade for the first time	403
on or after July 1, 2015, and who are pursuing a career-	404
technical instructional track shall not be required to take	405
algebra II or advanced computer science, and instead may	406
complete a career-based pathway mathematics course approved by	407
the department of education as an alternative.	408
For students who choose to take advanced computer science	409
in lieu of algebra II under division (C)(3) of this section, the	410
school shall communicate to those students that some	411
institutions of higher education may require algebra II for the	412
purpose of college admission. Also, the parent, guardian, or	413
legal custodian of each student who chooses to take advanced	414
computer science in lieu of algebra II shall sign and submit to	415
the school a document containing a statement acknowledging that	416
not taking algebra II may have an adverse effect on college	417
admission decisions.	418

(5) Science, three units with inquiry-based laboratory	420
experience that engages students in asking valid scientific	421
questions and gathering and analyzing information, which shall	422
include the following, or their equivalent:	423
(a) Physical sciences, one unit;	424
(b) Life sciences, one unit;	425
(c) Advanced study in one or more of the following	426
sciences, one unit:	
(i) Chemistry, physics, or other physical science;	428
(ii) Advanced biology or other life science;	429
(iii) Astronomy, physical geology, or other earth or space	430
science <u>;</u>	431
(iv) Computer science.	432
No student shall substitute a computer science course for	433
a life sciences or biology course under division (C)(5) of this	434
section.	435
(6) History and government, one unit, which shall comply	436
with division (M) of this section and shall include both of the	437
following:	438
(a) American history, one-half unit;	439
(b) American government, one-half unit.	440
(7) Social studies, two units.	441
Each school shall integrate the study of economics and	442
financial literacy, as expressed in the social studies academic	443
content standards adopted by the state board of education under	444

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division (A)(1) of section 3301.079 of the Revised Code and the	445
academic content standards for financial literacy and	446
entrepreneurship adopted under division (A)(2) of that section,	447
into one or more existing social studies credits required under	448
division (C)(7) of this section, or into the content of another	449
class, so that every high school student receives instruction in	450
those concepts. In developing the curriculum required by this	451
paragraph, schools shall use available public-private	452
partnerships and resources and materials that exist in business,	453
industry, and through the centers for economics education at	454
institutions of higher education in the state.	455

Beginning with students who enter ninth grade for the first time on or after July 1, 2017, the two units of instruction prescribed by division (C)(7) of this section shall include at least one-half unit of instruction in the study of world history and civilizations.

(8) Five units consisting of one or any combination of 461 foreign language, fine arts, business, career-technical 462 education, family and consumer sciences, technology_which may_ 463 include computer science, agricultural education, a junior 464 reserve officer training corps (JROTC) program approved by the 465 congress of the United States under title 10 of the United 466 States Code, or English language arts, mathematics, science, or 467 social studies courses not otherwise required under division (C) 468 of this section. 469

Ohioans must be prepared to apply increased knowledge and 470 skills in the workplace and to adapt their knowledge and skills 471 quickly to meet the rapidly changing conditions of the twenty- 472 first century. National studies indicate that all high school 473 graduates need the same academic foundation, regardless of the 474

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opportunities they pursue after graduation. The goal of Ohio's	475
system of elementary and secondary education is to prepare all	476
students for and seamlessly connect all students to success in	477
life beyond high school graduation, regardless of whether the	478
next step is entering the workforce, beginning an	479
apprenticeship, engaging in post-secondary training, serving in	480
the military, or pursuing a college degree.	481

The requirements for graduation prescribed in division (C) of this section are the standard expectation for all students entering ninth grade for the first time at a public or chartered nonpublic high school on or after July 1, 2010. A student may satisfy this expectation through a variety of methods, including, but not limited to, integrated, applied, careertechnical, and traditional coursework.

Whereas teacher quality is essential for student success

when completing the requirements for graduation, the general

assembly shall appropriate funds for strategic initiatives

designed to strengthen schools' capacities to hire and retain

highly qualified teachers in the subject areas required by the

curriculum. Such initiatives are expected to require an

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investment of \$120,000,000 over five years.

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Stronger coordination between high schools and 496 institutions of higher education is necessary to prepare 497 students for more challenging academic endeavors and to lessen 498 the need for academic remediation in college, thereby reducing 499 the costs of higher education for Ohio's students, families, and 500 the state. The state board and the chancellor of higher 501 education shall develop policies to ensure that only in rare 502 instances will students who complete the requirements for 503 graduation prescribed in division (C) of this section require 504

academic remediation after high school.

School districts, community schools, and chartered 506 nonpublic schools shall integrate technology into learning 507 experiences across the curriculum in order to maximize 508 efficiency, enhance learning, and prepare students for success 509 in the technology-driven twenty-first century. Districts and 510 schools shall use distance and web-based course delivery as a 511 method of providing or augmenting all instruction required under 512 this division, including laboratory experience in science. 513 Districts and schools shall utilize technology access and 514 electronic learning opportunities provided by the broadcast 515 educational media commission, chancellor, the Ohio learning 516 network, education technology centers, public television 517 stations, and other public and private providers. 518

- (D) Except as provided in division (E) of this section, a 519 student who enters ninth grade on or after July 1, 2010, and 520 before July 1, 2016, may qualify for graduation from a public or 521 chartered nonpublic high school even though the student has not 522 completed the requirements for graduation prescribed in division 523 (C) of this section if all of the following conditions are 524 satisfied:
- (1) During the student's third year of attending high 526 school, as determined by the school, the student and the 527 student's parent, guardian, or custodian sign and file with the 528 school a written statement asserting the parent's, guardian's, 529 or custodian's consent to the student's graduating without 530 completing the requirements for graduation prescribed in 531 division (C) of this section and acknowledging that one 532 consequence of not completing those requirements is 533 ineligibility to enroll in most state universities in Ohio 534

without further coursework.

- (2) The student and parent, guardian, or custodian fulfill any procedural requirements the school stipulates to ensure the student's and parent's, guardian's, or custodian's informed consent and to facilitate orderly filing of statements under division (D)(1) of this section. Annually, each district or school shall notify the department of the number of students who choose to qualify for graduation under division (D) of this section and the number of students who complete the student's success plan and graduate from high school.
- (3) The student and the student's parent, guardian, or custodian and a representative of the student's high school jointly develop a student success plan for the student in the manner described in division (C)(1) of section 3313.6020 of the Revised Code that specifies the student matriculating to a two-year degree program, acquiring a business and industry-recognized credential, or entering an apprenticeship.
- (4) The student's high school provides counseling and support for the student related to the plan developed under division (D)(3) of this section during the remainder of the student's high school experience.
- (5) (a) Except as provided in division (D) (5) (b) of this section, the student successfully completes, at a minimum, the curriculum prescribed in division (B) of this section.
- (b) Beginning with students who enter ninth grade for the first time on or after July 1, 2014, a student shall be required to complete successfully, at the minimum, the curriculum prescribed in division (B) of this section, except as follows:
 - (i) Mathematics, four units, one unit which shall be one

Page 21

of the following:	564
(I) Probability and statistics;	565
(II) Computer-programming science;	566
(III) Applied mathematics or quantitative reasoning;	567
(IV) Any other course approved by the department using	568
standards established by the superintendent not later than	569
October 1, 2014.	570
(ii) Elective units, five units;	571
(iii) Science, three units as prescribed by division (B)	572
of this section which shall include inquiry-based laboratory	573
experience that engages students in asking valid scientific	574
questions and gathering and analyzing information.	575
The department, in collaboration with the chancellor,	576
shall analyze student performance data to determine if there are	577
mitigating factors that warrant extending the exception	578
permitted by division (D) of this section to high school classes	579
beyond those entering ninth grade before July 1, 2016. The	580
department shall submit its findings and any recommendations not	581
later than December 1, 2015, to the speaker and minority leader	582
of the house of representatives, the president and minority	583
leader of the senate, the chairpersons and ranking minority	584
members of the standing committees of the house of	585
representatives and the senate that consider education	586
legislation, the state board of education, and the	587
superintendent of public instruction.	588
(E) Each school district and chartered nonpublic school	589
retains the authority to require an even more challenging	590
minimum curriculum for high school graduation than specified in	591

division (B) or (C) of this section. A school district board of	592
education, through the adoption of a resolution, or the	593
governing authority of a chartered nonpublic school may	594
stipulate any of the following:	595
(1) A minimum high school curriculum that requires more	596
than twenty units of academic credit to graduate;	597
(2) An exception to the district's or school's minimum	598
high school curriculum that is comparable to the exception	599
provided in division (D) of this section but with additional	600
requirements, which may include a requirement that the student	601
successfully complete more than the minimum curriculum	602
prescribed in division (B) of this section;	603
(3) That no exception comparable to that provided in	604
division (D) of this section is available.	605
(F) A student enrolled in a dropout prevention and	606
recovery program, which program has received a waiver from the	607
department, may qualify for graduation from high school by	608
successfully completing a competency-based instructional program	609
administered by the dropout prevention and recovery program in	610
lieu of completing the requirements for graduation prescribed in	611
division (C) of this section. The department shall grant a	612
waiver to a dropout prevention and recovery program, within	613
sixty days after the program applies for the waiver, if the	614
program meets all of the following conditions:	615
(1) The program serves only students not younger than	616
sixteen years of age and not older than twenty-one years of age.	617
(2) The program enrolls students who, at the time of their	618
initial enrollment, either, or both, are at least one grade	619
level behind their cohort age groups or experience crises that	620

significantly interfere with their academic progress such that	621
they are prevented from continuing their traditional programs.	622
(3) The program requires students to attain at least the	623
applicable score designated for each of the assessments	624
prescribed under division (B)(1) of section 3301.0710 of the	625
Revised Code or, to the extent prescribed by rule of the state	626
board under division (D)(5) of section 3301.0712 of the Revised	627
Code, division (B)(2) of that section.	628
(4) The program develops a student success plan for the	629
student in the manner described in division (C)(1) of section	630
3313.6020 of the Revised Code that specifies the student's	631
matriculating to a two-year degree program, acquiring a business	632
and industry-recognized credential, or entering an	633
apprenticeship.	634
(5) The program provides counseling and support for the	635
student related to the plan developed under division (F)(4) of	636
this section during the remainder of the student's high school	637
experience.	638
(6) The program requires the student and the student's	639
parent, guardian, or custodian to sign and file, in accordance	640
with procedural requirements stipulated by the program, a	641
written statement asserting the parent's, guardian's, or	642
custodian's consent to the student's graduating without	643
completing the requirements for graduation prescribed in	644
division (C) of this section and acknowledging that one	645
consequence of not completing those requirements is	646
ineligibility to enroll in most state universities in Ohio	647
without further coursework.	648

(7) Prior to receiving the waiver, the program has

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submitted to the department an instructional plan that	650
demonstrates how the academic content standards adopted by the	651
state board under section 3301.079 of the Revised Code will be	652
taught and assessed.	653
(8) Prior to receiving the waiver, the program has	654
submitted to the department a policy on career advising that	655
satisfies the requirements of section 3313.6020 of the Revised	656
Code, with an emphasis on how every student will receive career	657
advising.	658
(9) Prior to receiving the waiver, the program has	659
submitted to the department a written agreement outlining the	660
future cooperation between the program and any combination of	661
local job training, postsecondary education, nonprofit, and	662
health and social service organizations to provide services for	663
students in the program and their families.	664
Divisions (F)(8) and (9) of this section apply only to	665
waivers granted on or after July 1, 2015.	666
If the department does not act either to grant the waiver	667
or to reject the program application for the waiver within sixty	668
days as required under this section, the waiver shall be	669
considered to be granted.	670
(G) Every high school may permit students below the ninth	671
grade to take advanced work. If a high school so permits, it	672
shall award high school credit for successful completion of the	673
advanced work and shall count such advanced work toward the	674
graduation requirements of division (B) or (C) of this section	675
if the advanced work was both:	676

(1) Taught by a person who possesses a license or

certificate issued under section 3301.071, 3319.22, or 3319.222

of the Revised Code that is valid for teaching high school;	679
(2) Designated by the board of education of the city,	680
local, or exempted village school district, the board of the	681
cooperative education school district, or the governing	682
authority of the chartered nonpublic school as meeting the high	683
school curriculum requirements.	684
Each high school shall record on the student's high school	685
transcript all high school credit awarded under division (G) of	686
this section. In addition, if the student completed a seventh-	687
or eighth-grade fine arts course described in division (K) of	688
this section and the course qualified for high school credit	689
under that division, the high school shall record that course on	690
the student's high school transcript.	691
(H) The department shall make its individual academic	692
career plan available through its Ohio career information system	693
web site for districts and schools to use as a tool for	694
communicating with and providing guidance to students and	695
families in selecting high school courses.	696
(I) Units earned in English language arts, mathematics,	697
science, and social studies that are delivered through	698
integrated academic and career-technical instruction are	699
eligible to meet the graduation requirements of division (B) or	700
(C) of this section.	701
(J)(1) The state board, in consultation with the	702
chancellor, shall adopt a statewide plan implementing methods	703
for students to earn units of high school credit based on a	704
demonstration of subject area competency, instead of or in	705
combination with completing hours of classroom instruction. The	706

state board shall adopt the plan not later than March 31, 2009,

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and commence phasing in the plan during the 2009-2010 school 708 year. The plan shall include a standard method for recording 709 demonstrated proficiency on high school transcripts. Each school 710 district and community school shall comply with the state 711 board's plan adopted under this division and award units of high 712 school credit in accordance with the plan. The state board may 713 adopt existing methods for earning high school credit based on a 714 demonstration of subject area competency as necessary prior to 715 the 2009-2010 school year. 716

- (2) Not later than December 31, 2015, the state board shall update the statewide plan adopted pursuant to division (J) (1) of this section to also include methods for students enrolled in seventh and eighth grade to meet curriculum requirements based on a demonstration of subject area competency, instead of or in combination with completing hours of classroom instruction. Beginning with the 2017-2018 school year, each school district and community school also shall comply with the updated plan adopted pursuant to this division and permit students enrolled in seventh and eighth grade to meet curriculum requirements based on subject area competency in accordance with the plan.
- (K) This division does not apply to students who qualify 729 730 for graduation from high school under division (D) or (F) of this section, or to students pursuing a career-technical 731 instructional track as determined by the school district board 732 of education or the chartered nonpublic school's governing 733 authority. Nevertheless, the general assembly encourages such 734 students to consider enrolling in a fine arts course as an 735 elective. 736

Beginning with students who enter ninth grade for the

first time on or after July 1, 2010, each student enrolled in a 738 public or chartered nonpublic high school shall complete two 739 semesters or the equivalent of fine arts to graduate from high 740 school. The coursework may be completed in any of grades seven 741 to twelve. Each student who completes a fine arts course in 742 grade seven or eight may elect to count that course toward the 743 five units of electives required for graduation under division 744 (C)(8) of this section, if the course satisfied the requirements 745 of division (G) of this section. In that case, the high school 746 shall award the student high school credit for the course and 747 count the course toward the five units required under division 748 (C)(8) of this section. If the course in grade seven or eight 749 did not satisfy the requirements of division (G) of this 750 section, the high school shall not award the student high school 751 credit for the course but shall count the course toward the two 752 semesters or the equivalent of fine arts required by this 753 division. 754

(L) Notwithstanding anything to the contrary in this 755 section, the board of education of each school district and the 756 governing authority of each chartered nonpublic school may adopt 757 758 a policy to excuse from the high school physical education requirement each student who, during high school, has 759 participated in interscholastic athletics, marching band, or 760 cheerleading for at least two full seasons or in the junior 761 reserve officer training corps for at least two full school 762 years. If the board or authority adopts such a policy, the board 763 or authority shall not require the student to complete any 764 physical education course as a condition to graduate. However, 765 the student shall be required to complete one-half unit, 766 consisting of at least sixty hours of instruction, in another 767 course of study. In the case of a student who has participated 768

in the junior reserve officer training corps for at least two	769
full school years, credit received for that participation may be	770
used to satisfy the requirement to complete one-half unit in	771
another course of study.	772
(M) It is important that high school students learn and	773
understand United States history and the governments of both the	774
United States and the state of Ohio. Therefore, beginning with	775
students who enter ninth grade for the first time on or after	776
July 1, 2012, the study of American history and American	777
government required by divisions (B)(6) and (C)(6) of this	778
section shall include the study of all of the following	779
documents:	780
(1) The Declaration of Independence;	781
(2) The Northwest Ordinance;	782
(3) The Constitution of the United States with emphasis on	783
the Bill of Rights;	784
(4) The Ohio Constitution.	785
The study of each of the documents prescribed in divisions	786
(M)(1) to (4) of this section shall include study of that	787
document in its original context.	788
The study of American history and government required by	789
divisions (B)(6) and (C)(6) of this section shall include the	790
historical evidence of the role of documents such as the	791
Federalist Papers and the Anti-Federalist Papers to firmly	792
establish the historical background leading to the establishment	793
of the provisions of the Constitution and Bill of Rights.	794
(N) A student may apply one unit of instruction in	795
computer science to satisfy one unit of mathematics or one unit	796

of science under division (C) of this section as the student	797
chooses, regardless of the field of certification of the teacher	798
who teaches the course, so long as that teacher meets the	799
licensure requirements prescribed by section 3319.236 of the	800
Revised Code and, prior to teaching the course, completes a	801
professional development program determined to be appropriate by	802
the district board.	803
If a student applies more than one computer science course	804
to satisfy curriculum requirements under that division, the	805
courses shall be sequential and progressively more difficult or	806
cover different subject areas within computer science.	807
Sec. 3314.0110. (A) The governing authority of any	808
community school established under this chapter may establish a	809
computer science and technology fund to support computer science	810
programs and professional development related to those programs	811
operated by the community school. The fund may consist of	812
community school moneys that legally may be used for that	813
purpose and that are not otherwise designated for other	814
purposes. It also may consist of private moneys donated to the	815
school or any future state moneys allocated to the school for	816
that purpose. The governing authority may use any amount in the	817
fund to leverage or match any additional private donations that	818
may be made to the school for that purpose.	819
(B) Moneys in the fund may be used for any of the	820
following:	821
(1) Professional development related to computer science	822
programs;	823
(2) The delivery of online assessments, including	824
instruction and data that support online assessment readiness;	825

(3) Wireless connectivity in school buildings;	826
(4) Network services, such as improving bandwidth capacity	827
and filtering devices;	828
(5) The purchase of computers, tablets, and equipment.	829
Sec. 3315.17. (A) The board of education of each city,	830
local, exempted village, and joint vocational school district	831
and the governing board of each educational service center may	832
establish a computer science and technology fund to support	833
computer science programs and professional development related	834
to those programs operated by the district or service center.	835
The fund may consist of district or service center moneys that	836
legally may be used for that purpose and that are not otherwise	837
designated for other purposes. It also may consist of private	838
moneys donated to the district or service center or any future	839
state moneys allocated to the district or service center for	840
that purpose. The district or service center board may use any	841
amount in the fund to leverage or match any additional private	842
donations that may be made to the district or service center for	843
that purpose.	844
(B) Moneys in the fund may be used for any of the	845
<pre>following:</pre>	846
(1) Professional development related to computer science	847
programs;	848
(2) The delivery of online assessments, including	849
instruction and data that support online assessment readiness;	850
(3) Wireless connectivity in school buildings;	851
(4) Network services, such as improving bandwidth capacity	852
and filtering devices;	853

(5) The purchase of computers, tablets, and equipment.	854
Sec. 3317.024. The following shall be distributed monthly,	855
quarterly, or annually as may be determined by the state board	856
of education:	857
(A) An amount for each island school district and each	858
joint state school district for the operation of each high	859
school and each elementary school maintained within such	860
district and for capital improvements for such schools. Such	861
amounts shall be determined on the basis of standards adopted by	862
the state board of education. However, for fiscal years 2012 and	863
2013, an island district shall receive the lesser of its actual	864
cost of operation, as certified to the department of education,	865
or ninety-three per cent of the amount the district received in	866
state operating funding for fiscal year 2011. If an island	867
district received no funding for fiscal year 2011, it shall	868
receive no funding for either of fiscal year 2012 or 2013.	869
(B) An amount for each school district required to pay	870
tuition for a child in an institution maintained by the	871
department of youth services pursuant to section 3317.082 of the	872
Revised Code, provided the child was not included in the	873
calculation of the district's formula ADM, as that term is	874
defined in section 3317.02 of the Revised Code, for the	875
preceding school year.	876
(C) An amount for the approved cost of transporting	877
eligible pupils with disabilities attending a special education	878
program approved by the department of education whom it is	879
impossible or impractical to transport by regular school bus in	880
the course of regular route transportation provided by the	881
school district or educational service center. No district or	882
service center is eligible to receive a payment under this	883

division for the cost of transporting any pupil whom it	884
transports by regular school bus and who is included in the	885
district's transportation ADM. The state board of education	886
shall establish standards and guidelines for use by the	887
department of education in determining the approved cost of such	888
transportation for each district or service center.	889
(D) An amount to each school district, including each	890
cooperative education school district, pursuant to section	891
3313.81 of the Revised Code to assist in providing free lunches	892
to needy children. The amounts shall be determined on the basis	893
of rules adopted by the state board of education.	894
(E) (1) An amount for auxiliary services to each school	895
district, for each pupil attending a chartered nonpublic	896
elementary or high school within the district that is either of	897
<pre>the following:</pre>	898
(a) A school affiliated with a religious order, sect,	899
church, or denomination or has a curriculum or mission that	900
contains religious content, religious courses, devotional	901
exercises, religious training, or any other religious activity;	902
(b) A school not described in division (E)(1)(a) of this	903
section that has not elected to receive funds under division (E)	904
(2) of this section.	905
(2) An amount for auxiliary services paid directly to each	906
chartered nonpublic school not described in division (E)(1) that	907
has elected to receive funds under division (E)(2) of this	908
section for each pupil attending the school. <u>To elect to receive</u>	909
funds under division (E)(2) of this section, a school, by the	910
first day of April of each odd-numbered year, shall notify the	911
department and the school district in which the school is	912

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<u>located of the election and shall submit to the department an</u>	913
affidavit certifying that the school is not affiliated with a	914
religious order, sect, church, or denomination and does not have	915
a curriculum or mission that contains religious content,	916
religious courses, devotional exercises, religious training, or	917
any other religious activity. The election shall take effect the	918
following first day of July, unless the department determines	919
that the school meets the criteria in division (E)(1)(a) of this	920
section. The school subsequently may rescind its election, but	921
it may do so only in an odd-numbered year by notifying the	922
department and the school district in which the school is	923
located of the rescission not later than the first day of April	924
of that year. Beginning the following first day of July after	925
the rescission, the school shall receive funds under division	926
(E) (1) of this section.	927

The amount paid under divisions (E)(1) and (2) of this

section shall equal the total amount appropriated for the

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implementation of sections 3317.06 and 3317.062 of the Revised

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Code divided by the average daily membership in grades

kindergarten through twelve in chartered nonpublic elementary

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and high schools within the state as determined as of the last

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day of October of each school year.

- (F) An amount for each county board of developmental disabilities, distributed on the basis of standards adopted by the state board of education, for the approved cost of transportation required for children attending special education programs operated by the county board under section 3323.09 of the Revised Code;
- (G) An amount to each institution defined under section 941 3317.082 of the Revised Code providing elementary or secondary 942

education to children other than children receiving special	943
education under section 3323.091 of the Revised Code. This	944
amount for any institution in any fiscal year shall equal the	945
total of all tuition amounts required to be paid to the	946
institution under division (A)(1) of section 3317.082 of the	947
Revised Code.	948
The state board of education or any other board of	949
education or governing board may provide for any resident of a	950
district or educational service center territory any educational	951
service for which funds are made available to the board by the	952
United States under the authority of public law, whether such	953
funds come directly or indirectly from the United States or any	954
agency or department thereof or through the state or any agency,	955
department, or political subdivision thereof.	956
Sec. 3317.062. (A) Moneys paid to chartered nonpublic	957
schools under division (E)(2) of section 3317.024 of the Revised	958
Code shall be used for one or more of the following purposes:	959
(1) To purchase secular textbooks or digital texts, as	960
defined in divisions (A)(1) and (2) of section 3317.06 of the	961
Revised Code, as have been approved by the superintendent of	962
public instruction for use in public schools in the state;	963
(2) To provide the services described in divisions (B),	964
(C), (D), and (Q) of section 3317.06 of the Revised Code;	965
(3) To provide the services described in divisions (E),	966
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(F), (G), and (I) of section 3317.06 of the Revised Code. If	
such services are provided in public schools or in public	968 969
centers, transportation to and from such facilities shall be	
provided by the nonpublic school.	970

(4) To supply for use by pupils attending the school such

standardized tests and scoring services as are in use in the	912
<pre>public schools of the state;</pre>	973
(5) To hire clerical personnel to assist in the	974
administration of divisions (A)(2), (3), and (4) of this section	975
and to hire supervisory personnel to supervise the providing of	976
services and textbooks pursuant to this section. These personnel	977
shall perform their services in the public schools, in nonpublic	978
schools, public centers, or mobile units where the services are	979
provided to the nonpublic school pupil, except that such	980
personnel may accompany pupils to and from the service sites	981
when necessary to ensure the safety of the children receiving	982
the services. All services provided pursuant to this section may	983
be provided under contract with <u>school districts</u> , educational	984
service centers, the department of health, city or general	985
health districts, or private agencies whose personnel are	986
properly licensed by an appropriate state board or agency.	987
(6) To purchase any of the materials described in division	988
(K) of section 3317.06 of the Revised Code;	989
(7) To purchase any of the equipment described in division	990
(L) of section 3317.06 of the Revised Code;	991
(8) To purchase mobile units to be used for the provision	992
of services pursuant to division (A)(3) of this section and to	993
pay for necessary repairs and operating costs associated with	994
these units;	995
(9) To purchase the equipment described in division (0) of	996
section 3317.06 of the Revised Code;	997
(10) To procure and pay for security services described in	998
division (P) of section 3317.06 of the Revised Code.	999
(B) Materials, equipment, computer hardware and software,	1000

textbooks, digital texts, and health and remedial services	1001
provided pursuant to this section and the admission of pupils to	1002
nonpublic schools shall be provided without distinction as to	1003
race, creed, color, or national origin of such pupils or of	1004
their teachers.	1005
(C) Any interest earned by a chartered nonpublic school on	1006
moneys paid to it under division (E)(2) of section 3317.024 of	1007
the Revised Code shall be used by the school for the same	1008
purposes and in the same manner as the payments may be used	1009
under this section.	1010
(D) The department of education shall adopt guidelines and	1011
procedures regarding both of the following:	1012
(1) The expenditure of moneys under this section;	1013
(2) The audit of nonpublic schools receiving funds under	1014
this section to ensure the appropriate use of funds.	1015
(E) The department shall adopt a rule specifying the party	1016
that owns any property purchased by a chartered nonpublic school	1017
with moneys paid under division (E)(2) of section 3317.024 of	1018
the Revised Code. The rule shall include procedures for disposal	1019
of the property by the designated owner when appropriate.	1020
(F) Within thirty days after the end of each biennium,	1021
each chartered nonpublic school shall remit to the department	1022
all moneys paid to it under division (E)(2) of section 3317.024	1023
of the Revised Code and any interest earned on those moneys that	1024
are not required to pay expenses incurred under this section	1025
during the biennium for which the moneys were appropriated and	1026
during which the interest was earned. If a school subsequently	1027
determines that the remittal of moneys leaves the school with	1028
insufficient money to pay all valid expenses incurred under this	1029

section during the biennium for which the remitted moneys were	1030
appropriated, the school may apply to the department for a	1031
refund of money, not to exceed the amount of the insufficiency.	1032
If the department determines the expenses were lawfully incurred	1033
and would have been lawful expenditures of the refunded money,	1034
the department shall make a refund in the necessary amount.	1035
Sec. 3319.236. (A) Except as provided in division (B) of	1036
this section, a school district shall require an individual to	1037
hold a valid educator license in computer science, or have a	1038
license endorsement in computer technology and a passing score	1039
on a content examination in the area of computer science, to	1040
teach computer science courses.	1041
(B) A school district may employ an individual, for the	1042
purpose of teaching computer science courses, who holds a valid	1043
educator license in any of grades kindergarten through twelve,	1044
provided the individual meets the requirements established by	1045
rules of the state board of education to qualify for a	1046
supplemental teaching license for teaching computer science. The	1047
rules shall require an applicant for a supplemental teaching	1048
license to pass a content examination in the area of computer	1049
science. The rules also shall permit an individual, after at	1050
least two years of successfully teaching computer science	1051
courses under the supplemental teaching license, to advance to a	1052
standard educator license in computer science by completing a	1053
pedagogy course applicable to the grade levels in which the	1054
individual is teaching. However, the rules may exempt an	1055
individual teaching computer science from the requirement to	1056
complete a pedagogy course if the individual previously	1057
completed a pedagogy course applicable to the grade levels in	1058
which the individual is teaching.	1059

(C) In order for an individual to teach advanced placement	1060
computer science courses, a school district shall require the	1061
individual to also complete a professional development program	1062
endorsed or provided by the organization that creates and	1063
administers national advanced placement examinations. For this	1064
purpose, the individual may complete the program at any time	1065
during the calendar year.	1066
Sec. 3326.082. (A) The governing body of any science,	1067
technology, engineering, or mathematics school established under	1068
this chapter may establish a computer science and technology	1069
fund to support computer science programs and professional	1070
development related to those programs operated by the school.	1071
The fund may consist of school moneys that legally may be used	1072
for that purpose and that are not otherwise designated for other	1073
purposes. It also may consist of private moneys donated to the	1074
school or any future state moneys allocated to the school for	1075
that purpose. The governing body may use any amount in the fund	1076
to leverage or match any additional private donations that may	1077
be made to the school for that purpose.	1078
(B) Moneys in the fund may be used for any of the	1079
following:	1080
(1) Professional development related to computer science	1081
(1) Professional development related to computer science	
programs;	1082
(2) The delivery of online assessments, including	1083
instruction and data that support online assessment readiness;	1084
(3) Wireless connectivity in school buildings;	1085
(4) Network services, such as improving bandwidth capacity	1086
and filtering devices;	1087
(5) The purchase of computers, tablets, and equipment.	1088
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Section 2. That existing sections 3301.079, 3313.603,	1089
3317.024, and 3317.062 of the Revised Code are hereby repealed.	1090
Section 3. Notwithstanding anything to the contrary in	1091
division (E) of section 3317.024 of the Revised Code, as amended	1092
by this act, the following shall apply for each chartered	1093
nonpublic school that received auxiliary services funds directly	1094
pursuant to division (E)(2) of section 3317.024 of the Revised	1095
Code, as it existed prior to the effective date of this act,	1096
between July 1, 2017, and the effective date of this section:	1097
(A) The school may return to receiving auxiliary services	1098
funds from the school district in which the school is located	1099
under division (E)(1) of section 3317.024 of the Revised Code by	1100
notifying the Department of Education and the district of its	1101
desire to do so within thirty days after the effective date of	1102
this section. Thereafter, the school shall receive auxiliary	1103
services funds from the school district in which the school is	1104
located in accordance with division (E)(1) of section 3317.024	1105
of the Revised Code unless the school elects to receive	1106
auxiliary services funds directly under division (E)(2) of that	1107
section.	1108
(B) If the school provides no notification under division	1109
(A) of this section, or provides notification later than thirty	1110
days after the effective date of this section, the school shall	1111
continue to receive auxiliary services funds directly under	1112
division (E)(2) of section 3317.024 of the Revised Code until	1113
June 30, 2019. To continue to receive those funds directly after	1114
that date, the school shall elect to do so in accordance with	1115
the procedures described in division (E)(2) of section 3317.024	1116
of the Revised Code as amended by this act.	1117
Section 4. For the 2017-2018 school year, neither a school	1118

Sub. H. B. No. 170	
As Reported by the Senate Education Committee	

district nor a chartered nonpublic school may change an	1119
agreement or contract entered into for services provided by the	1120
district for the chartered nonpublic school without the consent	1121
of the other party in the agreement or contract, including the	1122
amount that may be charged by the district for services provided	1123
by the district or its personnel, because the school chose to	1124
receive auxiliary services funds directly from the state under	1125
division (E)(2) of section 3317.024 of the Revised Code as it	1126
existed prior to the effective date of this act.	1127

Page 40