

## CRDC Collection (2017-2018)

### School Elements CRDC Data Mapping – Subject Area Course Codes

**NOTE:** Below find listed common Subject Area Course Codes to use when mapping courses to the CRDC School file elements. Districts may offer more courses in the subject than are listed below. For a complete list of Subject Area Course Codes please reference the Massachusetts EPIMS Appendices Version 7.1, Appendix G1 and G2, on the DESE Information Services – Data Collection [EPIMS reference page](#).

#### Column 2: SCH\_ALGCLASSES\_GS0708 – # of Middle School Algebra I Classes (Grades 7-8)

52052 Algebra I - Algebra I (*prior to secondary school*)

#### Column 3: SCH\_GEOMCLASSES\_GS08 – # of Geometry Classes for 8<sup>th</sup> Grade Students

52071 Informal Geometry - Informal Geometry courses emphasize a practical approach (*prior to secondary school*)

52072 Geometry - Geometry (*prior to secondary school*)

52079 Geometry-Other - Geometry-Other (*prior to secondary school*)

02079M Geometry – Middle School

#### Column 4: SCH\_MATHCLASSES\_GEOM – # of High School Geometry Classes

02071 Informal Geometry - Informal Geometry courses emphasize a practical approach (*secondary school*)

02072 Geometry - Geometry courses emphasizing an abstract for (*secondary school*)

02075 Particular Topics in Geometry - These courses examine specific topics in geometry (*secondary school*)

02079 Geometry-Other - Geometry-Other (*secondary school*)

#### Column 5: SCH\_MATHCLASSES\_ALG – # of High School Algebra I Classes

02052 – Algebra I

02053 – Algebra I-Part I

02069 – Algebra-Other

#### Column 6: SCH\_MATHCLASSES\_ALG2 – # of Algebra II Classes

02056 – Algebra II

#### Column 7: SCH\_MATHCLASSES\_ADVM – # of Advanced Mathematics Classes (trigonometry, elementary analysis, analytic geometry, statistics, pre-calculus, etc.)

02103 Trigonometry - Trigonometry courses prepare students for (*secondary school*)

02105 Trigonometry/Math Analysis - Covering topics of both Trigonometry and Math (*secondary school*)

- 02106 Trigonometry/Algebra - Trigonometry/Algebra courses *(secondary school)*
- 02107 Trigonometry/Analytic Geometry - Covering topics of both Trigonometry and Analytic *(secondary school)*
- 02108 Math Analysis/Analytic Geometry - Covering topics from both Math Analysis and *(secondary school)*
- 02073 Analytic Geometry - Analytic Geometry courses include the study *(secondary school)*
- 02109 Elementary Functions - Elementary Functions courses while preparing *(secondary school)*
- 02110 Pre-Calculus - Pre-Calculus courses combine the study of Trigonometry *(secondary school)*
- 52073 Analytic Geometry - Analytic Geometry *(prior to secondary school)*

### **Column 8: SCH\_MATHCLASSES\_CALC – # of Calculus Classes**

- 02121 Calculus - Calculus courses *(secondary school)*
- 02122 Multivariate Calculus - Multivariate Calculus courses include the study of hyperbolic *(secondary school)*
- 02123 Differential Calculus - Differential Calculus courses include the study of *(secondary school)*
- 02126 Particular Topics in Calculus - These courses examine specific topics in calculus rather

### **Column 9: SCH\_SCICLASSES\_BIOL – # of Biology Classes**

- 03051 Biology - Biology courses *(secondary school)*
- 03052 Biology-Advanced Studies - Usually taken after a comprehensive initial *(secondary school)*
- 03057 IB Biology - IB Biology courses prepare students to take the International Baccalaureate *(secondary school)*
- 03062 Conceptual Biology - These courses provide students with a basic understanding
- 03063 Particular Topics in Biology - Particular Topics in Biology courses concentrate on
- 03097 Biology-Independent Study - Biology-Independent Study courses often *(secondary school)*
- 03098 Biology-Workplace Experience - Biology-Workplace Experience courses provide *(secondary school)*
- 03099 Biology-Other - Biology-Other *(secondary school)*
- 53051 Biology - Biology *(prior to secondary school)*
- 53063 Particular Topics in Biology - Particular Topics in Biology courses concentrate on a *(prior to secondary school)*
- 53097 Biology-Independent Study - Biology-Independent Study *(prior to secondary school)*
- 53099 Biology-Other - Biology-Other *(prior to secondary school)*

### **Column 10: SCH\_SCICLASSES\_CHEM – # of Chemistry Classes**

- 03101 Chemistry - Chemistry courses involve studying the composition *(secondary school)*
- 03102 Chemistry-Advanced Studies - Usually taken after a comprehensive initial *(secondary school)*

- 03103 Organic Chemistry - Organic Chemistry courses involve the study of organic *(secondary school)*
- 03104 Physical Chemistry - Usually taken after completing a calculus course, Physical *(secondary school)*
- 03105 Conceptual Chemistry - Conceptual Chemistry courses are practical, non-quantitative *(secondary school)*
- 03107 IB Chemistry - IB Chemistry courses prepare students to take the International Baccalaureate *(secondary school)*
- 03108 Particular Topics in Chemistry - Particular Topics in Chemistry courses concentrate *(secondary school)*
- 03147 Chemistry-Independent Study - Chemistry-Independent Study courses often *(secondary school)*
- 03148 Chemistry-Workplace Experience - Chemistry-Workplace Experience courses *(secondary school)*
- 03149 Chemistry-Other - Chemistry-Other *(secondary school)*
- 53101 Chemistry - Chemistry *(prior to secondary school)*
- 53108 Particular Topics in Chemistry - Particular Topics in Chemistry courses concentrate *(prior to secondary school)*
- 53147 Chemistry-Independent Study - Chemistry-Independent Study *(prior to secondary school)*
- 53149 Chemistry-Other - Chemistry-Other *(prior to secondary school)*

### **Column 11: SCH\_SCICLASSES\_PHYS – # of Physics Classes**

- 03151 Physics - Physics courses *(secondary school)*
- 03152 Physics-Advanced Studies - Usually taken after a comprehensive initial *(secondary school)*
- 03154 Particular Topics in Physics - Particular Topics in Physics courses concentrate on *(secondary school)*
- 03157 IB Physics - IB Physics courses prepare students to take the International Baccalaureate *(secondary school)*
- 03161 Conceptual Physics - Conceptual Physics courses introduce students to the use of *(secondary school)*
- 03197 Physics-Independent Study - Physics-Independent Study courses often *(secondary school)*
- 03198 Physics-Workplace Experience - Physics-Workplace Experience courses provide *(secondary school)*
- 03199 Physics-Other - Physics-Other *(secondary school)*
- 53151 Physics – Physics *(prior to secondary school)*
- 53162 Particular Topics in Physics - Particular Topics in Physics courses concentrate on *(prior to secondary school)*
- 53197 Physics-Independent Study - Physics-Independent Study *(prior to secondary school)*
- 53199 Physics-Other - Physics-Other *(prior to secondary school)*

### **Column 12: SCH\_COMPCLASSES\_CSCI – # of Computer Science Classes**

- 10011 – Computer Science Principals
- 10012 – Exploring Computer Science

10013 – PLTW Computer Science and Software Engineering  
10016 – PLTW Cybersecurity  
10017 – Simulation and Modeling  
10018 – PLTW Artificial Intelligence  
10997 – Computer and Information Sciences-Independent Study  
10048 – Computer and Information Sciences-Workplace Experience  
10003 – Computer and Information Technology  
10004 – Computer Applications  
10202 – Computer Graphics  
10047 – Computer Literacy-Independent Study  
10049 – Computer Literacy-Other  
10051 – Computer Management  
10152 – Computer Programming  
05169 – Computer-Assisted Art  
60049 – Computer Literacy-Other (*prior to secondary school*)  
60997 – Computer and Information Sciences-Independent Study (*prior to secondary school*)  
60999 – Computer and Information Sciences-Other (*prior to secondary school*)

### **Column 13: SCH\_APMATHENR – # of AP Math Classes**

02124 AP Calculus AB - Following the College Board's suggested curriculum (*secondary school*)  
02125 AP Calculus BC - Following the College Board's suggested curriculum (*secondary school*)  
02203 AP Statistics - Following the College Board's suggested curriculum (*secondary school*)

### **Column 14: SCH\_APSCIENR – # of AP Science Classes**

03056 AP Biology - Adhering to the curricula recommended by the College Board (*secondary school*)  
03106 AP Chemistry - Following the curricula recommended by the College Board (*secondary school*)  
03155 AP Physics B - AP Physics B courses are designed by the College Board (*secondary school*)  
03156 AP Physics C - Designed by the College Board to parallel college (*secondary school*)  
03163 AP Physics C-Electricity and Magnetism - Designed by the College Board to parallel (*secondary school*)  
03162 AP Physics C-Mechanics - Designed by the College Board to parallel (*secondary school*)

- 03165 AP Physics 1 - Designed by the College Board to parallel first semester college *(secondary school)*
- 03166 AP Physics 2 - Designed by the College Board to parallel second semester college *(secondary school)*
- 03006 AP Environmental Science - AP Environmental Science courses follow the *(secondary school)*
- 03207 AP Environmental Science (Integrated/Other) - AP Environmental Science courses *(secondary school)*

**Column 15: SCH\_APCOMPENR – # of AP Computer Science Classes**

- 10019 – AP Computer Science Principals
- 10158 – AP Computer Science A

**Column 16: SCH\_APOTHENR – # of Other AP Classes**

- 01005 AP English Language and Composition - Following the College Board’s suggested *(secondary school)*
- 01006 AP English Literature and Composition - Following the College Board’s suggested *(secondary school)*
- 04004 AP Human Geography - Following the College Board’s *(secondary school)*
- 04056 AP European History - Following the College Board’s *(secondary school)*
- 04057 AP World History - Following the College Board’s *(secondary school)*
- 04104 AP U.S. History - Following the College Board’s *(secondary school)*
- 04157 AP U.S. Government and Politics - Following the College Board’s *(secondary school)*
- 04158 AP Comparative Government and Politics - Following the College Board’s *(secondary school)*
- 04159 AP Government - AP Government courses *(secondary school)*
- 04203 AP Microeconomics - Following the College Board’s *(secondary school)*
- 04204 AP Macroeconomics - Following the College Board’s *(secondary school)*
- 04205 AP Economics - AP Economics courses prepare students for the *(secondary school)*
- 04256 AP Psychology - Following the College Board’s *(secondary school)*
- 04A01 AP Government and Politics U.S. - AP Government courses *(secondary school)*
- 04A02 AP Government and Politics Comparative - AP Government courses *(secondary school)*
- 05115 AP Music Theory - AP Music Theory courses *(secondary school)*
- 05153 AP Art-History of Art - Designed to parallel college-level Art History *(secondary school)*
- 05172 AP Studio Art-Drawing Portfolio - Designed for students with a serious interest *(secondary school)*
- 05175 AP Studio Art: 3D Design Portfolio - Designed for students with a serious interest *(secondary school)*
- 05174 AP Studio Art: 2D Design Portfolio - Designed for students with a serious interest *(secondary school)*

- 06112 AP Spanish Language - Designed by the College Board *(secondary school)*
- 06113 AP Spanish Literature - Designed by the College Board *(secondary school)*
- 06132 AP French Language - Designed to parallel third-year college-level *(secondary school)*
- 06133 AP French Literature - Designed to parallel college-level Introduction *(secondary school)*
- 06212 AP German Language - Designed to parallel third-year college-level *(secondary school)*
- 06313 AP Latin (Vergil Catullus and Horace) - Designed to parallel advanced college-level *(secondary school)*
- 06152 AP Italian Language and Culture - AP Italian Language and Culture is based on *(secondary school)*
- 06412 AP Chinese Language and Culture - The AP Chinese Language and Culture course *(secondary school)*
- 06432 AP Japanese Language and Culture - The AP Japanese Language and Culture course *(secondary school)*
- 10157 AP Computer Science - Following the College Board's *(secondary school)*
- 10158 AP Computer Science A or Computer Science AB - Following the College Board's *(secondary school)*

**Column 17: SCH\_SSCLASSES\_ALGG – Single-sex Algebra I, Geometry, and Algebra II Classes**

- 02052 Algebra I - Algebra I Courses include the study of proper *(secondary school)*
- 02053 Algebra I-Part 1 - The first part in a multi-part sequence of Algebra I *(secondary school)*
- 02054 Algebra I-Part 2 - The second part in a multi-part sequence of Algebra I *(secondary school)*
- 02071 Informal Geometry - Informal Geometry courses emphasize a practical approach
- 02072 Geometry - Geometry courses emphasizing an abstract for *(secondary school)*
- 02074 Principles of Algebra and Geometry - Principles of Algebra and Geometry courses *(secondary school)*
- 02075 Particular Topics in Geometry - These courses examine specific topics in geometry *(secondary school)*
- 02079 Geometry-Other - Geometry-Other *(secondary school)*
- 02056 Algebra II - Algebra II course topics typically *(secondary school)*
- 52052 Algebra I - Algebra I *(prior to secondary school)*
- 52072 Geometry – Geometry *(prior to secondary school)*
- 52079 Geometry-Other - Geometry-Other *(prior to secondary school)*

**Column 18: SCH\_SSCLASSES\_OTHM – Single-Sex Other Math Classes**

*“Other mathematics” includes all mathematics courses except Algebra I, Geometry, and Algebra II. It includes both basic mathematics courses and college-preparatory courses.*

### **Column 19: SCH\_SSCLASSES\_SCI – Single-Sex Science Classes**

*Science includes general science courses as well as college-preparatory science courses such as biology, chemistry, and physics.*

### **Column 20: SCH\_SSCLASSES\_ENGL – Single-sex English/Reading/Language Arts Classes**

*English/reading/language arts includes general English/reading/language arts courses as well as college-preparatory English/reading/language arts courses.*

### **Column 21: SCH\_SSCLASSES\_OTHA – Single-sex Other Academic Classes**

*“Other academic subjects” includes history, social studies, foreign languages, and computer science.*