

Valid Credentials: General Rules

Introduction

This document is designed to assist districts in implementing the requirements and in ensuring that PreK-12 educators are assigned to classes they are validly credentialed to teach. It identifies the credentials required for teaching specific courses. Teachers are to hold one of the credentials identified in this document for each course they teach.

Elementary Credentials

Courses in the elementary grade range, other than PE, do not appear in this document, because a general rule for elementary credentials applies to all such courses. The general rule for elementary credentials, including Kindergarten-Primary (KP), Kindergarten-Elementary (KE), Elementary (EL), Early Childhood (EC), Primary (PF), and endorsements extending the grade range of EC credentials, allows the teachers who hold these credentials to teach any course within the relevant grade range. An exception to this rule is for those initially hired on or after July 1, 2013, to teach physical education. These teachers must be licensed in PE and are included in this document.

Community School Courses

Courses that are taught at a community school, with the exception of special education courses, can be taught by an educator who holds any valid teaching credential including substitute teaching licenses.

Special Education

For courses with student populations SE or SP, any teacher holding an education of the handicapped certificate (EH) or an intervention specialist license (PI, IL or ES) can teach students—at the grade levels for which the teacher is certificated or licensed—with any disability.*

*Exceptions:

1. Any SE or SP course that is comprised of all deaf or hard of hearing students must be taught by someone certificated or licensed to teach deaf or hard of hearing students. This includes the following:
 - EH 196010, 196015, 196070 (grades K-12)
 - IL 196116 (grades P-12)
2. Any SE or SP course that is comprised of all visually impaired students must be taught by someone certificated or licensed to teach visually impaired students. This includes the following:
 - EH 196110 (grades K-12)
 - IL 196109 (grades P-12)

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
320050 - IB Mathematics	AD - Adolescence to Young Adult (7-12)	110000 - Mathematics		7 - 12
	AD - Adolescence to Young Adult (7-12)	110094 - Integrated Mathematics		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	110094 - Integrated Mathematics		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	110000 - Mathematics		7 - 12
	DS (K-12) - Designated Subject (Grades K-12)	110094 - Integrated Mathematics		KG - 12
	HS - High School (7-12)	110000 - Mathematics		7 - 12
	HS - High School (7-12)	110000 - Mathematics	180200 - Middle Grades	4 - 12
	MA - Multi-Age PK-12	110094 - Integrated Mathematics		KG - 12
	MC - Middle Childhood (4-9)	110100 - Mathematics (4-9)		4 - 9
	MS - Middle School (4-9)	110100 - Mathematics (4-9)		4 - 9
	TM - STEM (6-12)	110094 - Integrated Mathematics		6 - 12
	320150 - IB Mathematical Studies	AD - Adolescence to Young Adult (7-12)	110094 - Integrated Mathematics	
AD - Adolescence to Young Adult (7-12)		110000 - Mathematics		7 - 12
AD - Adolescence to Young Adult (Grades 7-12)		110094 - Integrated Mathematics		7 - 12
AD - Adolescence to Young Adult (Grades 7-12)		110000 - Mathematics		7 - 12
DS (K-12) - Designated Subject (Grades K-12)		110094 - Integrated Mathematics		KG - 12
HS - High School (7-12)		110000 - Mathematics		7 - 12
HS - High School (7-12)		110000 - Mathematics	180200 - Middle Grades	4 - 12
MA - Multi-Age PK-12		110094 - Integrated Mathematics		KG - 12
MC - Middle Childhood (4-9)		110100 - Mathematics (4-9)		4 - 9
MS - Middle School (4-9)		110100 - Mathematics (4-9)		4 - 9
TM - STEM (6-12)		110094 - Integrated Mathematics		6 - 12
320200 - IB First Language		AD - Adolescence to Young Adult (7-12)	050145 - Integrated Language Arts	
	AD - Adolescence to Young Adult (7-12)	050000 - English		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	050145 - Integrated Language Arts		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	050000 - English		7 - 12
	CH - Comprehensive High School (7-12)	050012 - English (9-12)		7 - 12
	DS (K-12) - Designated Subject (Grades K-12)	050000 - English		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	050145 - Integrated Language Arts		KG - 12
	HS - High School (7-12)	050000 - English	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	050000 - English		7 - 12
	HS - High School (7-12)	059901 - Communications		7 - 12
	HS - High School (7-12)	059901 - Communications	180200 - Middle Grades	4 - 12
	MA - Multi-Age PK-12	050145 - Integrated Language Arts		KG - 12
	MC - Middle Childhood (4-9)	050150 - Language Arts and Reading (4-9)		4 - 9
	MS - Middle School (4-9)	050150 - Language Arts and Reading (4-9)		4 - 9
320250 - IB Second Language - Arabic	AD - Adolescence to Young Adult (7-12)	060101 - Arabic		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	060101 - Arabic		7 - 12
	HS - High School (7-12)	060101 - Arabic	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	060101 - Arabic		7 - 12
	MA - Multi Age (P-12)	060101 - Arabic		PS - 12
	MA - Multi-Age PK-12	060101 - Arabic		PS - 12
	SP - Special All Grades (K-12)	060101 - Arabic		KG - 12
320300 - IB Second Language - Chinese	AD - Adolescence to Young Adult (7-12)	065002 - Chinese (7-12)		7 - 12
	AD - Adolescence to Young Adult (7-12)	060102 - Chinese		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	065002 - Chinese (7-12)		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	060102 - Chinese		7 - 12
	HS - High School (7-12)	060102 - Chinese		7 - 12
	HS - High School (7-12)	060102 - Chinese	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	065002 - Chinese (7-12)		7 - 12
	HS - High School (7-12)	065002 - Chinese (7-12)	180200 - Middle Grades	4 - 12
	MA - Multi Age (P-12)	060102 - Chinese		PS - 12
	MA - Multi Age (P-12)	060110 - Chinese K-12		PS - 12
	MA - Multi-Age PK-12	060102 - Chinese		PS - 12
	MA - Multi-Age PK-12	060110 - Chinese K-12		PS - 12
	SP - Special All Grades (K-12)	060102 - Chinese		KG - 12
	SP - Special All Grades (K-12)	060110 - Chinese K-12		KG - 12

International Baccalaureate

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
320350 - IB Second Language - Czech	AD - Adolescence to Young Adult (7-12)	066005 - Czech		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	066005 - Czech		7 - 12
	HS - High School (7-12)	060205 - Czech		7 - 12
	HS - High School (7-12)	066005 - Czech	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	060205 - Czech	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	066005 - Czech		7 - 12
	MA - Multi Age (P-12)	060227 - Czech		PS - 12
	MA - Multi-Age PK-12	060227 - Czech		PS - 12
	SP - Special All Grades (K-12)	060205 - Czech		KG - 12
320400 - IB Second Language - French	AD - Adolescence to Young Adult (7-12)	066008 - French		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	066008 - French		7 - 12
	HS - High School (7-12)	066008 - French	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	060208 - French	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	060208 - French		7 - 12
	HS - High School (7-12)	066008 - French		7 - 12
	MA - Multi Age (P-12)	060230 - French		PS - 12
	MA - Multi-Age PK-12	060230 - French		PS - 12
	SP - Special All Grades (K-12)	060230 - French		KG - 12
320450 - IB Second Language - German	AD - Adolescence to Young Adult (7-12)	066009 - German		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	066009 - German		7 - 12
	HS - High School (7-12)	060209 - German		7 - 12
	HS - High School (7-12)	066089 - German 7-12	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	066009 - German	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	066089 - German 7-12		7 - 12
	HS - High School (7-12)	060209 - German	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	066009 - German		7 - 12
	MA - Multi Age (P-12)	060235 - German		PS - 12
320500 - IB Second Language - Hebrew	AD - Adolescence to Young Adult (7-12)	065003 - Hebrew		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	065003 - Hebrew		7 - 12
	HS - High School (7-12)	065003 - Hebrew	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	060130 - Hebrew	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	060130 - Hebrew		7 - 12
	HS - High School (7-12)	065003 - Hebrew		7 - 12
	MA - Multi Age (P-12)	060135 - Hebrew		PS - 12
	MA - Multi-Age PK-12	060135 - Hebrew		PS - 12
	SP - Special All Grades (K-12)	060135 - Hebrew		KG - 12
320525 - IB Second Language - Hindi	MA - Multi Age (P-12)	060139 - Hindi		PS - 12
	MA - Multi-Age PK-12	060139 - Hindi		PS - 12
	SP - Special All Grades (K-12)	060139 - Hindi		KG - 12
320550 - IB Second Language - Italian	AD - Adolescence to Young Adult (7-12)	066013 - Italian		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	066013 - Italian		7 - 12
	HS - High School (7-12)	066013 - Italian		7 - 12
	HS - High School (7-12)	066013 - Italian	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	060213 - Italian		7 - 12
	HS - High School (7-12)	060213 - Italian	180200 - Middle Grades	4 - 12
	MA - Multi Age (P-12)	060245 - Italian		PS - 12
	MA - Multi-Age PK-12	060245 - Italian		PS - 12
SP - Special All Grades (K-12)	060245 - Italian		KG - 12	

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
320600 - IB Second Language - Japanese	AD - Adolescence to Young Adult (7-12)	066014 - Japanese		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	066014 - Japanese		7 - 12
	HS - High School (7-12)	066014 - Japanese	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	066014 - Japanese		7 - 12
	HS - High School (7-12)	060214 - Japanese		7 - 12
	HS - High School (7-12)	060214 - Japanese	180200 - Middle Grades	4 - 12
	MA - Multi Age (P-12)	060250 - Japanese		PS - 12
	MA - Multi-Age PK-12	060250 - Japanese		PS - 12
	SP - Special All Grades (K-12)	060250 - Japanese		KG - 12
	SP - Special All Grades (K-12)	060214 - Japanese		KG - 12
320650 - IB Second Language - Polish	AD - Adolescence to Young Adult (7-12)	066016 - Polish		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	066016 - Polish		7 - 12
	HS - High School (7-12)	066016 - Polish	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	066016 - Polish		7 - 12
	HS - High School (7-12)	060216 - Polish	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	060216 - Polish		7 - 12
	MA - Multi Age (P-12)	060255 - Polish		PS - 12
	MA - Multi-Age PK-12	060255 - Polish		PS - 12
	SP - Special All Grades (K-12)	060216 - Polish		KG - 12
	SP - Special All Grades (K-12)	060255 - Polish		KG - 12
320700 - IB Second Language - Russian	AD - Adolescence to Young Adult (7-12)	066090 - Russian		7 - 12
	AD - Adolescence to Young Adult (7-12)	060600 - Russian		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	066090 - Russian		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	060600 - Russian		7 - 12
	HS - High School (7-12)	066090 - Russian	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	060600 - Russian		7 - 12
	HS - High School (7-12)	060600 - Russian	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	066090 - Russian		7 - 12
	HS - High School (7-12)	060218 - Russian	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	060218 - Russian		7 - 12
	MA - Multi Age (P-12)	060625 - Russian		PS - 12
	MA - Multi-Age PK-12	060625 - Russian		PS - 12
	SP - Special All Grades (K-12)	060600 - Russian		KG - 12
	SP - Special All Grades (K-12)	060218 - Russian		KG - 12
320750 - IB Second Language - Swahili	AD - Adolescence to Young Adult (7-12)	065021 - Swahili		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	065021 - Swahili		7 - 12
	HS - High School (7-12)	065021 - Swahili	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	065021 - Swahili		7 - 12
	HS - High School (7-12)	060221 - Swahili		7 - 12
	HS - High School (7-12)	060221 - Swahili	180200 - Middle Grades	4 - 12
	MA - Multi Age (P-12)	060225 - Swahili		PS - 12
	MA - Multi-Age PK-12	060225 - Swahili		PS - 12
	SP - Special All Grades (K-12)	060221 - Swahili		KG - 12
	SP - Special All Grades (K-12)	060225 - Swahili		KG - 12
320800 - IB Second Language - Spanish	AD - Adolescence to Young Adult (7-12)	066019 - Spanish		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	066019 - Spanish		7 - 12
	HS - High School (7-12)	066019 - Spanish	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	066019 - Spanish		7 - 12
	HS - High School (7-12)	060219 - Spanish	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	060219 - Spanish		7 - 12
	MA - Multi Age (P-12)	060265 - Spanish		PS - 12
	MA - Multi-Age PK-12	060265 - Spanish		PS - 12
	SP - Special All Grades (K-12)	060219 - Spanish		KG - 12
	SP - Special All Grades (K-12)	060265 - Spanish		KG - 12

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
320850 - IB Classical Languages (Latin or Classical Greek)	AD - Adolescence to Young Adult (7-12)	065005 - Latin		7 - 12
	AD - Adolescence to Young Adult (7-12)	065040 - Greek		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	065040 - Greek		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	065005 - Latin		7 - 12
	HS - High School (7-12)	065040 - Greek	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	065040 - Greek		7 - 12
	HS - High School (7-12)	065005 - Latin		7 - 12
	HS - High School (7-12)	060140 - Greek	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	065005 - Latin	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	060105 - Latin		7 - 12
	HS - High School (7-12)	060140 - Greek		7 - 12
	HS - High School (7-12)	060105 - Latin	180200 - Middle Grades	4 - 12
	MA - Multi Age (P-12)	060107 - Latin		PS - 12
	MA - Multi Age (P-12)	060150 - Greek		PS - 12
	MA - Multi-Age PK-12	060107 - Latin		PS - 12
	MA - Multi-Age PK-12	060150 - Greek		PS - 12
	SP - Special All Grades (K-12)	060150 - Greek		KG - 12
	SP - Special All Grades (K-12)	060140 - Greek		KG - 12
	SP - Special All Grades (K-12)	060105 - Latin		KG - 12
	SP - Special All Grades (K-12)	060107 - Latin		KG - 12
320900 - IB Business and Management	AD - Adolescence to Young Adult (7-12)	030300 - Bookkeeping/ Basic Business		7 - 12
	AD - Adolescence to Young Adult (7-12)	030000 - Business Education		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	030300 - Bookkeeping/ Basic Business		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	030000 - Business Education		7 - 12
	CH - Comprehensive High School (7-12)	030325 - Bookkeeping/Basic Business (9-12)		7 - 12
	CT - Career Technical (4-12)	140800 - Business Administration & Management		4 - 12
	CT - Career Technical (4-12)	140550 - Integrated Business		4 - 12
	CT - Career Technical (4-12)	140300 - Administrative Office Technology		4 - 12
	CW - Career Technical Workforce Development	140800 - Business Administration & Management		4 - 12
	CW - Career Technical Workforce Development	140300 - Administrative Office Technology		4 - 12
	DS (K-12) - Designated Subject (Grades K-12)	030000 - Business Education		KG - 12
	HS - High School (7-12)	030300 - Bookkeeping/ Basic Business	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	030300 - Bookkeeping/ Basic Business		7 - 12
	HS - High School (7-12)	030050 - Business Education without Shorthand	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	030050 - Business Education without Shorthand		7 - 12
	HS - High School (7-12)	030000 - Business Education	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	030000 - Business Education		7 - 12
	VO - Vocational Education	149000 - Vocational BOE Comprehensive		
VO - Vocational Education	140300 - Administrative Office Technology			
320950 - IB Economics	AD - Adolescence to Young Adult (7-12)	150600 - Economics		7 - 12
	AD - Adolescence to Young Adult (7-12)	150004 - Integrated Social Studies		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	150600 - Economics		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	150004 - Integrated Social Studies		7 - 12
	CH - Comprehensive High School (7-12)	150650 - Economics (9-12)		7 - 12
	CH - Comprehensive High School (7-12)	150310 - All Social Studies 7-8		7 - 8
	DS (K-12) - Designated Subject (Grades K-12)	150600 - Economics		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	150004 - Integrated Social Studies		KG - 12
	HS - High School (7-12)	150600 - Economics	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	150600 - Economics		7 - 12
	HS - High School (7-12)	150002 - Comprehensive Social Studies	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	150002 - Comprehensive Social Studies		7 - 12
	MA - Multi Age (P-12)	150004 - Integrated Social Studies		KG - 12
	MA - Multi-Age PK-12	150004 - Integrated Social Studies		KG - 12
	MC - Middle Childhood (4-9)	150003 - Social Studies (4-9)		4 - 9
	MS - Middle School (4-9)	150003 - Social Studies (4-9)		4 - 9

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
321000 - IB Geography	AD - Adolescence to Young Adult (7-12)	150700 - Geography		7 - 12
	AD - Adolescence to Young Adult (7-12)	150004 - Integrated Social Studies		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	150700 - Geography		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	150004 - Integrated Social Studies		7 - 12
	CH - Comprehensive High School (7-12)	150710 - Geography (9-12)		7 - 12
	CH - Comprehensive High School (7-12)	150310 - All Social Studies 7-8		7 - 8
	DS (K-12) - Designated Subject (Grades K-12)	150700 - Geography		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	150004 - Integrated Social Studies		KG - 12
	HS - High School (7-12)	150700 - Geography	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	150700 - Geography		7 - 12
	HS - High School (7-12)	150002 - Comprehensive Social Studies	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	150002 - Comprehensive Social Studies		7 - 12
	MA - Multi Age (P-12)	150004 - Integrated Social Studies		KG - 12
	MA - Multi-Age PK-12	150004 - Integrated Social Studies		KG - 12
	MC - Middle Childhood (4-9)	150003 - Social Studies (4-9)		4 - 9
	MS - Middle School (4-9)	150003 - Social Studies (4-9)		4 - 9
321050 - IB History	AD - Adolescence to Young Adult (7-12)	150800 - History		7 - 12
	AD - Adolescence to Young Adult (7-12)	150004 - Integrated Social Studies		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	150800 - History		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	150004 - Integrated Social Studies		7 - 12
	CH - Comprehensive High School (7-12)	150805 - History (9-12)		7 - 12
	CH - Comprehensive High School (7-12)	150310 - All Social Studies 7-8		7 - 8
	DS (K-12) - Designated Subject (Grades K-12)	150800 - History		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	150004 - Integrated Social Studies		KG - 12
	HS - High School (7-12)	150800 - History	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	150800 - History		7 - 12
	HS - High School (7-12)	150002 - Comprehensive Social Studies	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	150002 - Comprehensive Social Studies		7 - 12
	MA - Multi Age (P-12)	150004 - Integrated Social Studies		KG - 12
	MA - Multi-Age PK-12	150004 - Integrated Social Studies		KG - 12
	MC - Middle Childhood (4-9)	150003 - Social Studies (4-9)		4 - 9
	MS - Middle School (4-9)	150003 - Social Studies (4-9)		4 - 9
321100 - IB Islamic History	AD - Adolescence to Young Adult (7-12)	150800 - History		7 - 12
	AD - Adolescence to Young Adult (7-12)	150004 - Integrated Social Studies		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	150004 - Integrated Social Studies		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	150800 - History		7 - 12
	CH - Comprehensive High School (7-12)	150805 - History (9-12)		7 - 12
	CH - Comprehensive High School (7-12)	150310 - All Social Studies 7-8		7 - 8
	DS (K-12) - Designated Subject (Grades K-12)	150800 - History		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	150004 - Integrated Social Studies		KG - 12
	HS - High School (7-12)	150800 - History	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	150800 - History		7 - 12
	HS - High School (7-12)	150002 - Comprehensive Social Studies	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	150002 - Comprehensive Social Studies		7 - 12
	MA - Multi Age (P-12)	150004 - Integrated Social Studies		KG - 12
	MA - Multi-Age PK-12	150004 - Integrated Social Studies		KG - 12
	MC - Middle Childhood (4-9)	150003 - Social Studies (4-9)		4 - 9
	MS - Middle School (4-9)	150003 - Social Studies (4-9)		4 - 9

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
321150 - IB Information Technology in a Global Society (ITGS)	CH - Comprehensive High School (7-12)	151220 - Psychology/Sociology (9-12)		7 - 12
	CT - Career Technical (4-12)	160610 - Technology Education		4 - 12
	DS (K-12) - Designated Subject (Grades K-12)	101315 - Industrial Technology		KG - 12
	HS - High School (7-12)	150002 - Comprehensive Social Studies	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	150002 - Comprehensive Social Studies		7 - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12		7 - 12
	HS - High School (7-12)	101315 - Industrial Technology	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	101315 - Industrial Technology		7 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)		7 - 12
	SP - Special All Grades (K-12)	101320 - Industrial Technology		KG - 12
	SP - Special All Grades (K-12)	100000 - Gen Ind Techn (Gen)		KG - 12
	TM - STEM (6-12)	160610 - Technology Education		6 - 12
	VO - Vocational Education	160610 - Technology Education		
321200 - IB Philosophy	AD - Adolescence to Young Adult (7-12)	151215 - Psychology/Sociology		7 - 12
	AD - Adolescence to Young Adult (7-12)	150004 - Integrated Social Studies		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	151215 - Psychology/Sociology		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	150004 - Integrated Social Studies		7 - 12
	CH - Comprehensive High School (7-12)	150310 - All Social Studies 7-8		7 - 12
	DS (K-12) - Designated Subject (Grades K-12)	150004 - Integrated Social Studies		KG - 12
	HS - High School (7-12)	150900 - Humanities	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	150900 - Humanities		7 - 12
	HS - High School (7-12)	150002 - Comprehensive Social Studies	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	150002 - Comprehensive Social Studies		7 - 12
	MA - Multi Age (P-12)	150004 - Integrated Social Studies		KG - 12
	MA - Multi-Age PK-12	150004 - Integrated Social Studies		KG - 12
	MC - Middle Childhood (4-9)	150003 - Social Studies (4-9)		4 - 9
	MS - Middle School (4-9)	150003 - Social Studies (4-9)		4 - 9
	321250 - IB Psychology	AD - Adolescence to Young Adult (7-12)	151215 - Psychology/Sociology	
AD - Adolescence to Young Adult (7-12)		150004 - Integrated Social Studies		7 - 12
AD - Adolescence to Young Adult (Grades 7-12)		151215 - Psychology/Sociology		7 - 12
AD - Adolescence to Young Adult (Grades 7-12)		150004 - Integrated Social Studies		7 - 12
CH - Comprehensive High School (7-12)		151220 - Psychology/Sociology (9-12)		7 - 12
CH - Comprehensive High School (7-12)		150310 - All Social Studies 7-8		7 - 8
DS (K-12) - Designated Subject (Grades K-12)		150004 - Integrated Social Studies		KG - 12
HS - High School (7-12)		151215 - Psychology/Sociology	180200 - Middle Grades	4 - 12
HS - High School (7-12)		151205 - Social Psychology	180200 - Middle Grades	4 - 12
HS - High School (7-12)		151205 - Social Psychology		7 - 12
HS - High School (7-12)		150002 - Comprehensive Social Studies	180200 - Middle Grades	4 - 12
HS - High School (7-12)		151215 - Psychology/Sociology		7 - 12
HS - High School (7-12)		150002 - Comprehensive Social Studies		7 - 12
MA - Multi Age (P-12)		150004 - Integrated Social Studies		KG - 12
MA - Multi-Age PK-12		150004 - Integrated Social Studies		KG - 12
MC - Middle Childhood (4-9)	150003 - Social Studies (4-9)		4 - 9	
MS - Middle School (4-9)	150003 - Social Studies (4-9)		4 - 9	
321300 - IB Social and Cultural Anthropology	AD - Adolescence to Young Adult (7-12)	150004 - Integrated Social Studies		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	150004 - Integrated Social Studies		7 - 12
	CH - Comprehensive High School (7-12)	150150 - Anthropology (9-12)		7 - 12
	DS (K-12) - Designated Subject (Grades K-12)	150004 - Integrated Social Studies		KG - 12
	HS - High School (7-12)	150100 - Anthropology	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	150100 - Anthropology		7 - 12
	HS - High School (7-12)	150002 - Comprehensive Social Studies	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	150002 - Comprehensive Social Studies		7 - 12
	MA - Multi Age (P-12)	150004 - Integrated Social Studies		KG - 12
	MA - Multi-Age PK-12	150004 - Integrated Social Studies		KG - 12
	MC - Middle Childhood (4-9)	150003 - Social Studies (4-9)		4 - 9
	MS - Middle School (4-9)	150003 - Social Studies (4-9)		4 - 12

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
321350 - IB Biology	AD - Adolescence to Young Adult (7-12)	132036 - Life Sci/Chemistry		7 - 12
	AD - Adolescence to Young Adult (7-12)	132035 - Life Sci/Physics		7 - 12
	AD - Adolescence to Young Adult (7-12)	132034 - Life Sciences/Earth		7 - 12
	AD - Adolescence to Young Adult (7-12)	132030 - Life Sciences		7 - 12
	AD - Adolescence to Young Adult (7-12)	132010 - Integrated Science		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	132036 - Life Sci/Chemistry		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	132035 - Life Sci/Physics		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	132034 - Life Sciences/Earth		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	132030 - Life Sciences		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	132010 - Integrated Science		7 - 12
	CH - Comprehensive High School (7-12)	130205 - Biological Science (9-12)		7 - 12
	DS (K-12) - Designated Subject (Grades K-12)	132030 - Life Sciences		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	132010 - Integrated Science		KG - 12
	HS - High School (7-12)	130200 - Biological Science	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130200 - Biological Science		7 - 12
	HS - High School (7-12)	130000 - Comprehensive Science	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130000 - Comprehensive Science		7 - 12
	MA - Multi-Age PK-12	132030 - Life Sciences		KG - 12
	MA - Multi-Age PK-12	132010 - Integrated Science		KG - 12
	TM - STEM (6-12)	132010 - Integrated Science		6 - 12
321400 - IB Chemistry	AD - Adolescence to Young Adult (7-12)	132150 - Physical Science: Chemistry		7 - 12
	AD - Adolescence to Young Adult (7-12)	132046 - Earth Sci/Chemistry		7 - 12
	AD - Adolescence to Young Adult (7-12)	132036 - Life Sci/Chemistry		7 - 12
	AD - Adolescence to Young Adult (7-12)	132020 - Physical Science/Physics/Chemistry		7 - 12
	AD - Adolescence to Young Adult (7-12)	132010 - Integrated Science		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	132150 - Physical Science: Chemistry		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	132046 - Earth Sci/Chemistry		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	132036 - Life Sci/Chemistry		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	132020 - Physical Science/Physics/Chemistry		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	132010 - Integrated Science		7 - 12
	CH - Comprehensive High School (7-12)	130312 - Chemistry (9-12)		7 - 12
	DS (K-12) - Designated Subject (Grades K-12)	132150 - Physical Science: Chemistry		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	132010 - Integrated Science		KG - 12
	HS - High School (7-12)	130301 - Chemistry	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130301 - Chemistry		7 - 12
	HS - High School (7-12)	130300 - Physical Science	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130300 - Physical Science		7 - 12
	HS - High School (7-12)	130000 - Comprehensive Science	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130000 - Comprehensive Science		7 - 12
	MA - Multi-Age PK-12	132150 - Physical Science: Chemistry		KG - 12
MA - Multi-Age PK-12	132010 - Integrated Science		KG - 12	
TM - STEM (6-12)	132010 - Integrated Science		6 - 12	

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
321450 - IB Physics	AD - Adolescence to Young Adult (7-12)	132160 - Physical Science/Physics		7 - 12
	AD - Adolescence to Young Adult (7-12)	132045 - Earth Sci/Physics		7 - 12
	AD - Adolescence to Young Adult (7-12)	132035 - Life Sci/Physics		7 - 12
	AD - Adolescence to Young Adult (7-12)	132020 - Physical Science/Physics/Chemistry		7 - 12
	AD - Adolescence to Young Adult (7-12)	132010 - Integrated Science		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	132160 - Physical Science/Physics		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	132045 - Earth Sci/Physics		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	132035 - Life Sci/Physics		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	132020 - Physical Science/Physics/Chemistry		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	132010 - Integrated Science		7 - 12
	CH - Comprehensive High School (7-12)	130322 - Physics (9-12)		7 - 12
	DS (K-12) - Designated Subject (Grades K-12)	132160 - Physical Science/Physics		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	132010 - Integrated Science		KG - 12
	HS - High School (7-12)	130302 - Physics	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130302 - Physics		7 - 12
	HS - High School (7-12)	130300 - Physical Science	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130300 - Physical Science		7 - 12
	HS - High School (7-12)	130000 - Comprehensive Science	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130000 - Comprehensive Science		7 - 12
	MA - Multi-Age PK-12	132160 - Physical Science/Physics		KG - 12
MA - Multi-Age PK-12	132010 - Integrated Science		KG - 12	
TM - STEM (6-12)	132010 - Integrated Science		6 - 12	
321500 - IB Design Technology	DS (K-12) - Designated Subject (Grades K-12)	101315 - Industrial Technology		KG - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12		7 - 12
	HS - High School (7-12)	101315 - Industrial Technology	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	101315 - Industrial Technology		7 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)		7 - 12
	SP - Special All Grades (K-12)	101320 - Industrial Technology		KG - 12
	SP - Special All Grades (K-12)	100005 - Indust. Arts K-12		KG - 12
	SP - Special All Grades (K-12)	100000 - Gen Ind Techn (Gen)		KG - 12

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
321550 - IB Environmental Systems	AD - Adolescence to Young Adult (7-12)	132046 - Earth Sci/Chemistry		7 - 12
	AD - Adolescence to Young Adult (7-12)	132045 - Earth Sci/Physics		7 - 12
	AD - Adolescence to Young Adult (7-12)	132040 - Earth Sciences		7 - 12
	AD - Adolescence to Young Adult (7-12)	132036 - Life Sci/Chemistry		7 - 12
	AD - Adolescence to Young Adult (7-12)	132035 - Life Sci/Physics		7 - 12
	AD - Adolescence to Young Adult (7-12)	132034 - Life Sciences/Earth		7 - 12
	AD - Adolescence to Young Adult (7-12)	132030 - Life Sciences		7 - 12
	AD - Adolescence to Young Adult (7-12)	132010 - Integrated Science		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	132046 - Earth Sci/Chemistry		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	132045 - Earth Sci/Physics		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	132040 - Earth Sciences		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	132036 - Life Sci/Chemistry		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	132035 - Life Sci/Physics		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	132034 - Life Sciences/Earth		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	132030 - Life Sciences		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	132010 - Integrated Science		7 - 12
	CH - Comprehensive High School (7-12)	130410 - Earth Science (9-12)		7 - 12
	CH - Comprehensive High School (7-12)	130205 - Biological Science (9-12)		7 - 12
	DS (K-12) - Designated Subject (Grades K-12)	132040 - Earth Sciences		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	132030 - Life Sciences		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	132010 - Integrated Science		KG - 12
	HS - High School (7-12)	130400 - Earth Sciences	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130400 - Earth Sciences		7 - 12
	HS - High School (7-12)	130200 - Biological Science	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130200 - Biological Science		7 - 12
	HS - High School (7-12)	130000 - Comprehensive Science	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130000 - Comprehensive Science		7 - 12
	MA - Multi-Age PK-12	132040 - Earth Sciences		KG - 12
	MA - Multi-Age PK-12	132030 - Life Sciences		KG - 12
	MA - Multi-Age PK-12	132010 - Integrated Science		KG - 12
	TM - STEM (6-12)	132010 - Integrated Science		6 - 12
	321600 - IB Computer Science	AA - Any Standard Certificate/License	111790	
AA - Any Standard Certificate/License		111770 - Computer/Technology		KG - 12
AA - Any Standard Certificate/License		111750 - Computer Science		KG - 12
AA - Any Standard Certificate/License		111700 - Computer Science		KG - 12
AD - Adolescence to Young Adult (7-12)		111700 - Computer Science		7 - 12
AD - Adolescence to Young Adult (Grades 7-12)		111700 - Computer Science		7 - 12
CT - Career Technical (4-12)		140200 - Business Information Systems		4 - 12
CW - Career Technical Workforce Development		140200 - Business Information Systems		4 - 12
DS (K-12) - Designated Subject (Grades K-12)		111700 - Computer Science		KG - 12
MA - Multi Age (P-12)		111780 - Computer Information Science		PS - 12
MA - Multi-Age PK-12		111780 - Computer Information Science		PS - 12
TM - STEM (6-12)		111780 - Computer Information Science		6 - 12
VO - Vocational Education		140200 - Business Information Systems		
321650 - IB Visual Arts	AD - Adolescence to Young Adult (7-12)	020015 - Visual Art		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	020015 - Visual Art		7 - 12
	DS (K-12) - Designated Subject (Grades K-12)	020015 - Visual Art		KG - 12
	HS - High School (7-12)	020300 - Art (Visual)	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	020300 - Art (Visual)		7 - 12
	HS - High School (7-12)	020015 - Visual Art	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	020015 - Visual Art		7 - 12
	MA - Multi Age (P-12)	020012 - Visual Art		PS - 12
	MA - Multi-Age PK-12	020012 - Visual Art		PS - 12
	SP - Special All Grades (K-12)	020300 - Art (Visual)		KG - 12
SP - Special All Grades (K-12)	020012 - Visual Art		KG - 12	

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
321700 - IB Music	AD - Adolescence to Young Adult (7-12)	120010 - Music		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	120010 - Music		7 - 12
	DS (K-12) - Designated Subject (Grades K-12)	120010 - Music		KG - 12
	HS - High School (7-12)	120010 - Music	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	120010 - Music		7 - 12
	MA - Multi Age (P-12)	120050 - Music		PS - 12
	MA - Multi Age (P-12)	120010 - Music		PS - 12
	MA - Multi-Age PK-12	120050 - Music		PS - 12
	MA - Multi-Age PK-12	120010 - Music		PS - 12
	SP - Special All Grades (K-12)	120050 - Music		KG - 12
321750 - IB Theatre Arts	AA - Any Standard Certificate/License	050338 - Drama/Theater		KG - 12
	AA - Any Standard Certificate/License	050335		PS - 12
	AD - Adolescence to Young Adult (7-12)	050337 - Drama/Theater		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	050337 - Drama/Theater		7 - 12
	CH - Comprehensive High School (7-12)	059950 - All Communications 7-8		7 - 8
	CH - Comprehensive High School (7-12)	050347 - Drama/Theater (9-12)		7 - 12
	DS (K-12) - Designated Subject (Grades K-12)	050338 - Drama/Theater		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	050337 - Drama/Theater		KG - 12
	HS - High School (7-12)	059901 - Communications	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	059901 - Communications		7 - 12
	HS - High School (7-12)	050600 - Theatre Arts	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	050600 - Theatre Arts		7 - 12
	HS - High School (7-12)	050337 - Drama/Theater	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	050337 - Drama/Theater		7 - 12
	MA - Multi Age (P-12)	050338 - Drama/Theater		PS - 12
MA - Multi-Age PK-12	050338 - Drama/Theater		PS - 12	
321775 - IB Theory of Knowledge	AD - Adolescence to Young Adult (7-12)	Any Standard Teaching Field		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	Any Standard Teaching Field		7 - 12
	CH - Comprehensive High School (7-12)	Any Standard Teaching Field		7 - 12
	HS - High School (7-12)	Any Standard Teaching Field	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	Any Standard Teaching Field		7 - 12
	MA - Multi Age (P-12)	Any Standard Teaching Field		PS - 12
	MA - Multi-Age PK-12	Any Standard Teaching Field		PS - 12
	SP - Special All Grades (K-12)	Any Standard Teaching Field		KG - 12
321800 - IB Mathematics (Middle Years - Grades 7-8)	AD - Adolescence to Young Adult (7-12)	110094 - Integrated Mathematics		7 - 12
	AD - Adolescence to Young Adult (7-12)	110000 - Mathematics		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	110094 - Integrated Mathematics		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	110000 - Mathematics		7 - 12
	DS (K-12) - Designated Subject (Grades K-12)	110094 - Integrated Mathematics		KG - 12
	HS - High School (7-12)	110000 - Mathematics	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	110000 - Mathematics		7 - 12
	MA - Multi-Age PK-12	110094 - Integrated Mathematics		KG - 12
	MC - Middle Childhood (4-9)	110155 - Mathematics Generalist (4-6)		4 - 8
	MC - Middle Childhood (4-9)	110100 - Mathematics (4-9)		4 - 9
	MS - Middle School (4-9)	110155 - Mathematics Generalist (4-6)		4 - 6
	MS - Middle School (4-9)	110100 - Mathematics (4-9)		4 - 9
	TM - STEM (6-12)	110094 - Integrated Mathematics		6 - 12
321850 - IB Mathematics (Middle Years - Grades 4-6)	DS (K-12) - Designated Subject (Grades K-12)	110094 - Integrated Mathematics		KG - 12
	MA - Multi-Age PK-12	110094 - Integrated Mathematics		KG - 12
	MC - Middle Childhood (4-9)	110155 - Mathematics Generalist (4-6)		4 - 6
	MC - Middle Childhood (4-9)	110100 - Mathematics (4-9)		4 - 9
	MS - Middle School (4-9)	110155 - Mathematics Generalist (4-6)		4 - 6
	MS - Middle School (4-9)	110100 - Mathematics (4-9)		4 - 9
	TM - STEM (6-12)	110094 - Integrated Mathematics		6 - 12

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
321900 - IB Language Arts A (Middle Years - Grades 7-8)	AD - Adolescence to Young Adult (7-12)	050145 - Integrated Language Arts		7 - 12
	AD - Adolescence to Young Adult (7-12)	050000 - English		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	050145 - Integrated Language Arts		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	050000 - English		7 - 12
	CH - Comprehensive High School (7-12)	059950 - All Communications 7-8		7 - 8
	DS (K-12) - Designated Subject (Grades K-12)	050145 - Integrated Language Arts		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	050000 - English		KG - 12
	HS - High School (7-12)	059901 - Communications	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	059901 - Communications		7 - 12
	HS - High School (7-12)	050000 - English	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	050000 - English		7 - 12
	MA - Multi-Age PK-12	050145 - Integrated Language Arts		KG - 12
	MC - Middle Childhood (4-9)	050150 - Language Arts and Reading (4-9)		4 - 9
	MS - Middle School (4-9)	050150 - Language Arts and Reading (4-9)		4 - 9
321950 - IB Language Arts A (Middle Years - Grades 4-6)	DS (K-12) - Designated Subject (Grades K-12)	050145 - Integrated Language Arts		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	050000 - English		KG - 12
	MA - Multi-Age PK-12	050145 - Integrated Language Arts		KG - 12
	MC - Middle Childhood (4-9)	050155 - Language Arts and Reading Generalist (4-6)		4 - 8
	MC - Middle Childhood (4-9)	050150 - Language Arts and Reading (4-9)		4 - 9
	MS - Middle School (4-9)	050155 - Language Arts and Reading Generalist (4-6)		4 - 6
	MS - Middle School (4-9)	050150 - Language Arts and Reading (4-9)		4 - 9
	322000 - IB Language Arts B (Middle Years - Grades 7-8)	AD - Adolescence to Young Adult (7-12)	050145 - Integrated Language Arts	
AD - Adolescence to Young Adult (7-12)		050000 - English		7 - 12
AD - Adolescence to Young Adult (Grades 7-12)		050145 - Integrated Language Arts		7 - 12
AD - Adolescence to Young Adult (Grades 7-12)		050000 - English		7 - 12
CH - Comprehensive High School (7-12)		059950 - All Communications 7-8		7 - 12
DS (K-12) - Designated Subject (Grades K-12)		050145 - Integrated Language Arts		KG - 12
DS (K-12) - Designated Subject (Grades K-12)		050000 - English		KG - 12
HS - High School (7-12)		059901 - Communications	180200 - Middle Grades	4 - 12
HS - High School (7-12)		059901 - Communications		7 - 12
HS - High School (7-12)		050000 - English	180200 - Middle Grades	4 - 12
HS - High School (7-12)		050000 - English		7 - 12
MA - Multi-Age PK-12		050145 - Integrated Language Arts		KG - 12
MC - Middle Childhood (4-9)		050150 - Language Arts and Reading (4-9)		4 - 9
MS - Middle School (4-9)		050150 - Language Arts and Reading (4-9)		4 - 9
322050 - IB Language Arts B (Middle Years - Grades 4-6)	DS (K-12) - Designated Subject (Grades K-12)	050145 - Integrated Language Arts		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	050000 - English		KG - 12
	MA - Multi-Age PK-12	050145 - Integrated Language Arts		KG - 12
	MC - Middle Childhood (4-9)	050155 - Language Arts and Reading Generalist (4-6)		4 - 6
	MC - Middle Childhood (4-9)	050150 - Language Arts and Reading (4-9)		4 - 9
	MS - Middle School (4-9)	150155 - Gen Social Studies (4-6)		4 - 6
	MS - Middle School (4-9)	050150 - Language Arts and Reading (4-9)		4 - 9
	322100 - IB Humanities (Middle Years - Grades 7-8)	AD - Adolescence to Young Adult (7-12)	150004 - Integrated Social Studies	
AD - Adolescence to Young Adult (Grades 7-12)		150004 - Integrated Social Studies		7 - 12
CH - Comprehensive High School (7-12)		150310 - All Social Studies 7-8		7 - 8
DS (K-12) - Designated Subject (Grades K-12)		150004 - Integrated Social Studies		KG - 12
HS - High School (7-12)		150900 - Humanities	180200 - Middle Grades	4 - 12
HS - High School (7-12)		150900 - Humanities		7 - 12
HS - High School (7-12)		150002 - Comprehensive Social Studies	180200 - Middle Grades	4 - 12
HS - High School (7-12)		150002 - Comprehensive Social Studies		7 - 12
MA - Multi Age (P-12)		150004 - Integrated Social Studies		KG - 12
MA - Multi-Age PK-12		150004 - Integrated Social Studies		KG - 12
MC - Middle Childhood (4-9)		150003 - Social Studies (4-9)		4 - 9
MS - Middle School (4-9)		150003 - Social Studies (4-9)		4 - 9

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
322150 - IB Humanities (Middle Years - Grades 4-6)	DS (K-12) - Designated Subject (Grades K-12)	150004 - Integrated Social Studies		KG - 12
	MA - Multi Age (P-12)	150004 - Integrated Social Studies		KG - 12
	MA - Multi-Age PK-12	150004 - Integrated Social Studies		KG - 12
	MC - Middle Childhood (4-9)	150155 - Gen Social Studies (4-6)		5 - 6
	MC - Middle Childhood (4-9)	150003 - Social Studies (4-9)		4 - 9
	MS - Middle School (4-9)	150155 - Gen Social Studies (4-6)		4 - 6
	MS - Middle School (4-9)	150003 - Social Studies (4-9)		4 - 9
322200 - IB Technology (Middle Years - Grades 7-8)	CT - Career Technical (4-12)	160610 - Technology Education		4 - 12
	DS (K-12) - Designated Subject (Grades K-12)	101315 - Industrial Technology		KG - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	102000 - Ind.Arts 7-12		7 - 12
	HS - High School (7-12)	101315 - Industrial Technology	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	101315 - Industrial Technology		7 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	100000 - Gen Ind Techn (Gen)		7 - 12
	SP - Special All Grades (K-12)	101320 - Industrial Technology		KG - 12
	SP - Special All Grades (K-12)	100005 - Indust. Arts K-12		KG - 12
	SP - Special All Grades (K-12)	100000 - Gen Ind Techn (Gen)		KG - 12
	TM - STEM (6-12)	160610 - Technology Education		6 - 12
	VO - Vocational Education	160610 - Technology Education		
	322250 - IB Technology (Middle Years - Grades 4-6)	CT - Career Technical (4-12)	160610 - Technology Education	
DS (K-12) - Designated Subject (Grades K-12)		101315 - Industrial Technology		KG - 12
SP - Special All Grades (K-12)		101320 - Industrial Technology		KG - 12
SP - Special All Grades (K-12)		100005 - Indust. Arts K-12		KG - 12
SP - Special All Grades (K-12)		100000 - Gen Ind Techn (Gen)		KG - 12
TM - STEM (6-12)		160610 - Technology Education		6 - 12
VO - Vocational Education		160610 - Technology Education		
322300 - IB Arts (Middle Years - Grades 7-8)	AD - Adolescence to Young Adult (7-12)	020015 - Visual Art		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	020015 - Visual Art		7 - 12
	DS (K-12) - Designated Subject (Grades K-12)	020015 - Visual Art		KG - 12
	HS - High School (7-12)	020300 - Art (Visual)	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	020300 - Art (Visual)		7 - 12
	HS - High School (7-12)	020015 - Visual Art	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	020015 - Visual Art		7 - 12
	KP - Kindergarten-Primary (K-3)	180120 - Visual Art, Elementary		KG - 8
	MA - Multi Age (P-12)	020012 - Visual Art		PS - 12
	MA - Multi-Age PK-12	020012 - Visual Art		PS - 12
	SP - Special All Grades (K-12)	020300 - Art (Visual)		KG - 12
	SP - Special All Grades (K-12)	020012 - Visual Art		KG - 12
	322350 - IB Arts (Middle Years - Grades 4-6)	DS (K-12) - Designated Subject (Grades K-12)	020015 - Visual Art	
KP - Kindergarten-Primary (K-3)		180120 - Visual Art, Elementary		KG - 8
MA - Multi Age (P-12)		020012 - Visual Art		PS - 12
MA - Multi-Age PK-12		020012 - Visual Art		PS - 12
SP - Special All Grades (K-12)		020300 - Art (Visual)		KG - 12
SP - Special All Grades (K-12)		020012 - Visual Art		KG - 12

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
322400 - IB Sciences (Middle Years - Grades 7-8)	AD - Adolescence to Young Adult (7-12)	132150 - Physical Science: Chemistry		7 - 12
	AD - Adolescence to Young Adult (7-12)	132045 - Earth Sci/Physics		7 - 12
	AD - Adolescence to Young Adult (7-12)	132040 - Earth Sciences		7 - 12
	AD - Adolescence to Young Adult (7-12)	132160 - Physical Science/Physics		7 - 12
	AD - Adolescence to Young Adult (7-12)	132036 - Life Sci/Chemistry		7 - 12
	AD - Adolescence to Young Adult (7-12)	132035 - Life Sci/Physics		7 - 12
	AD - Adolescence to Young Adult (7-12)	132034 - Life Sciences/Earth		7 - 12
	AD - Adolescence to Young Adult (7-12)	132030 - Life Sciences		7 - 12
	AD - Adolescence to Young Adult (7-12)	132020 - Physical Science/Physics/Chemistry		7 - 12
	AD - Adolescence to Young Adult (7-12)	132010 - Integrated Science		7 - 12
	AD - Adolescence to Young Adult (7-12)	130100 - General Science		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	132160 - Physical Science/Physics		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	132150 - Physical Science: Chemistry		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	132045 - Earth Sci/Physics		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	132040 - Earth Sciences		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	132036 - Life Sci/Chemistry		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	132035 - Life Sci/Physics		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	132034 - Life Sciences/Earth		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	132030 - Life Sciences		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	132020 - Physical Science/Physics/Chemistry		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	132010 - Integrated Science		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	130100 - General Science		7 - 12
	CH - Comprehensive High School (7-12)	130175 - All Sciences 7-8		7 - 8
	DS (K-12) - Designated Subject (Grades K-12)	132160 - Physical Science/Physics		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	132150 - Physical Science: Chemistry		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	132040 - Earth Sciences		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	132030 - Life Sciences		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	132010 - Integrated Science		KG - 12
	HS - High School (7-12)	130400 - Earth Sciences	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130400 - Earth Sciences		7 - 12
	HS - High School (7-12)	130302 - Physics	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130302 - Physics		7 - 12
	HS - High School (7-12)	130301 - Chemistry	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130301 - Chemistry		7 - 12
	HS - High School (7-12)	130200 - Biological Science	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130200 - Biological Science		7 - 12
	HS - High School (7-12)	130100 - General Science	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130100 - General Science		7 - 12
	HS - High School (7-12)	130000 - Comprehensive Science	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	130000 - Comprehensive Science		7 - 12
	MA - Multi-Age PK-12	132160 - Physical Science/Physics		KG - 12
	MA - Multi-Age PK-12	132150 - Physical Science: Chemistry		KG - 12
	MA - Multi-Age PK-12	132040 - Earth Sciences		KG - 12
	MA - Multi-Age PK-12	132030 - Life Sciences		KG - 12
	MA - Multi-Age PK-12	132010 - Integrated Science		KG - 12
	MC - Middle Childhood (4-9)	130102 - Science (4-9)		4 - 9
	MS - Middle School (4-9)	130102 - Science (4-9)		4 - 9
	TM - STEM (6-12)	132010 - Integrated Science		6 - 12

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
322450 - IB Sciences (Middle Years - Grades 4-6)	DS (K-12) - Designated Subject (Grades K-12)	132160 - Physical Science/Physics		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	132150 - Physical Science: Chemistry		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	132040 - Earth Sciences		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	132030 - Life Sciences		KG - 12
	DS (K-12) - Designated Subject (Grades K-12)	132010 - Integrated Science		KG - 12
	MA - Multi-Age PK-12	132160 - Physical Science/Physics		KG - 12
	MA - Multi-Age PK-12	132150 - Physical Science: Chemistry		KG - 12
	MA - Multi-Age PK-12	132040 - Earth Sciences		KG - 12
	MA - Multi-Age PK-12	132030 - Life Sciences		KG - 12
	MA - Multi-Age PK-12	132010 - Integrated Science		KG - 12
	MC - Middle Childhood (4-9)	130155 - Science Generalist (4-6)		4 - 6
	MC - Middle Childhood (4-9)	130102 - Science (4-9)		4 - 5
	MS - Middle School (4-9)	130155 - Science Generalist (4-6)		4 - 6
	MS - Middle School (4-9)	130102 - Science (4-9)		4 - 9
	TM - STEM (6-12)	132010 - Integrated Science		6 - 12
322500 - IB Physical Education (Middle Years - Grades 7-8)	DS (K-12) - Designated Subject (Grades K-12)	080310 - Physical Education		KG - 12
	HS - High School (7-12)	500070 - Phys Ed-Elem Only		KG - 8
	HS - High School (7-12)	180180 - Physical Education, Elementary		KG - 8
	HS - High School (7-12)	080310 - Physical Education	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	080310 - Physical Education		7 - 12
	HS - High School (7-12)	080300 - Physical Education	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	080300 - Physical Education		7 - 12
	KP - Kindergarten-Primary (K-3)	500070 - Phys Ed-Elem Only		KG - 8
	KP - Kindergarten-Primary (K-3)	180180 - Physical Education, Elementary		KG - 8
	MA - Multi Age (P-12)	080305 - Physical Education		PS - 12
	MA - Multi-Age PK-12	080305 - Physical Education		PS - 12
	SP - Special All Grades (K-12)	080305 - Physical Education		KG - 12
	SP - Special All Grades (K-12)	080300 - Physical Education		KG - 12
322550 - IB Physical Education (Middle Years - Grades 4-6)	DS (K-12) - Designated Subject (Grades K-12)	080310 - Physical Education		KG - 12
	HS - High School (7-12)	500070 - Phys Ed-Elem Only		KG - 8
	HS - High School (7-12)	180180 - Physical Education, Elementary		KG - 8
	HS - High School (7-12)	080310 - Physical Education	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	080310 - Physical Education		7 - 12
	HS - High School (7-12)	080300 - Physical Education	180200 - Middle Grades	4 - 12
	HS - High School (7-12)	080300 - Physical Education		7 - 12
	KP - Kindergarten-Primary (K-3)	500070 - Phys Ed-Elem Only		KG - 8
	KP - Kindergarten-Primary (K-3)	180180 - Physical Education, Elementary		KG - 8
	MA - Multi Age (P-12)	080305 - Physical Education		PS - 12
	MA - Multi-Age PK-12	080305 - Physical Education		PS - 12
	SP - Special All Grades (K-12)	080305 - Physical Education		KG - 12
	SP - Special All Grades (K-12)	080300 - Physical Education		KG - 12
322600 - IB Mathematics (Primary Years - Grades 1-3)	MA - Multi-Age PK-12	110094 - Integrated Mathematics		KG - 12
	TM - STEM (6-12)	110094 - Integrated Mathematics		6 - 12
322650 - IB Language (Primary Years - Grades 1-3)	MA - Multi-Age PK-12	050145 - Integrated Language Arts		KG - 12
322700 - IB Social Studies (Primary Years - Grades 1-3)	MA - Multi Age (P-12)	150004 - Integrated Social Studies		KG - 12
	MA - Multi-Age PK-12	150004 - Integrated Social Studies		KG - 12
322750 - IB Arts (Primary Years - Grades 1-3)	KP - Kindergarten-Primary (K-3)	180120 - Visual Art, Elementary		KG - 8
	MA - Multi Age (P-12)	020012 - Visual Art		PS - 12
	MA - Multi-Age PK-12	020012 - Visual Art		PS - 12
	SP - Special All Grades (K-12)	020300 - Art (Visual)		KG - 12
	SP - Special All Grades (K-12)	020012 - Visual Art		KG - 12
322800 - IB Science & Technology (Primary Years - Grades 1-3)	MA - Multi-Age PK-12	132160 - Physical Science/Physics		KG - 12
	MA - Multi-Age PK-12	132150 - Physical Science: Chemistry		KG - 12
	MA - Multi-Age PK-12	132040 - Earth Sciences		KG - 12
	MA - Multi-Age PK-12	132030 - Life Sciences		KG - 12
	MA - Multi-Age PK-12	132010 - Integrated Science		KG - 12
	TM - STEM (6-12)	132010 - Integrated Science		6 - 12

SUBJECT	CREDENTIAL	TEACHING FIELD / ENDORSEMENT	ADDITIONAL TEACHING FIELD / ENDORSEMENT	GRADES
322850 - IB Personal, Social & Physical Education (Primary Years - Grades 1-3)	HS - High School (7-12)	500070 - Phys Ed-Elem Only		KG - 8
	HS - High School (7-12)	180180 - Physical Education, Elementary		KG - 8
	KP - Kindergarten-Primary (K-3)	500070 - Phys Ed-Elem Only		KG - 8
	KP - Kindergarten-Primary (K-3)	180180 - Physical Education, Elementary		KG - 8
	MA - Multi Age (P-12)	080305 - Physical Education		PS - 12
	MA - Multi-Age PK-12	080305 - Physical Education		PS - 12
	SP - Special All Grades (K-12)	080305 - Physical Education		KG - 12
	SP - Special All Grades (K-12)	080300 - Physical Education		KG - 12
322900 - IB Global Politics	AD - Adolescence to Young Adult (7-12)	151100 - Political Science		7 - 12
	AD - Adolescence to Young Adult (7-12)	150004 - Integrated Social Studies		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	151100 - Political Science		7 - 12
	AD - Adolescence to Young Adult (Grades 7-12)	150004 - Integrated Social Studies		7 - 12
	CH - Comprehensive High School (7-12)	151110 - Political Science (9-12)		9 - 12
	DS (4-12) - Designated Subject (4-12)	151100 - Political Science		4 - 12
	DS (4-12) - Designated Subject (4-12)	150004 - Integrated Social Studies		4 - 12
	DS (K-12) - Designated Subject (Grades K-12)	150004 - Integrated Social Studies		KG - 12
	HS - High School (7-12)	151100 - Political Science		7 - 12
	HS - High School (7-12)	150002 - Comprehensive Social Studies		7 - 12
	MA - Multi Age (P-12)	150004 - Integrated Social Studies		KG - 12
	MA - Multi-Age PK-12	150004 - Integrated Social Studies		KG - 12
	MC - Middle Childhood (4-9)	150003 - Social Studies (4-9)		9 - 9
	MS - Middle School (4-9)	150003 - Social Studies (4-9)		9 - 9