

# GRADUATION REQUIREMENTS

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# SAND CREEK HIGH SCHOOL

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# SCHOOL RESOURCE DOCUMENT



SAND CREEK  
ZONE

SAND CREEK HIGH SCHOOL  
7005 N. CAREFREE CIRCLE  
COLORADO SPRINGS, CO. 80922

# Graduation Requirements & Demonstration of Mastery

Grades 9<sup>th</sup>-11<sup>th</sup> 2020-2021

Grades 9<sup>th</sup>-12<sup>th</sup> 2021-2022

Under Colorado's new graduation requirements, students will have to demonstrate competency in English and Math by scoring at or above the examination minimums set by the state from one of the following (in both content areas): ACT, SAT, Accuplacer, Advanced Placement, International Baccalaureate, ASVAB, or ACT WorkKeys. Mastery may also be demonstrated by the completion of a Capstone Project, earned Industry Certification, or successful completion of 100 level Concurrent Enrollment courses.

Students must also demonstrate mastery in each content area and earn a minimum of 24.5 credit to receive a high school diploma. Your student's individual Pathway Plan, also known as ICAP, must be updated each year and will drive the counseling and advising of courses and credits for your student's high school plan. Students must review pathway plans of study to meet college requirements, military requirements, and/or career and workforce readiness. Students wishing to continue onto post-secondary education will need to research the entrance requirements for that specific institution. Both two-year and four-year colleges and universities have different requirements and minimum exam scores.

## Class of 2021 and beyond:

English	4.0 credits
Math	3.0 credits
Science	3.0 credits
Social Studies	3.5 credits (Civics is required for all plans of study)
Foreign Language Or Practical Arts	2.0 credits (determined by Pathway Plan)
Technology	1.0 credits
Fine Arts	1.0 credits
PE/Health	1.5 credits
Electives	5.5 credits
<b>TOTAL</b>	<b>24.5 CREDITS</b>

## Menu of Options for English and Math

Mastery in the area of English and Math must be demonstrated by meeting one of the benchmark *minimum* scores once in both content areas. The Menu of Options include:

### English:

SAT 470	Accuplacer 62 on Reading Comprehension or 70 on Sentence Skills
ACT 18	Next Generation 241 on Reading or 236 on Writing
ASVAB 31	ACT WorkKeys Bronze
AP 2	IB 4

### Math:

SAT 500	Accuplacer 61 on Elementary Algebra
ACT 19	Next Generation 255 on Arithmetic or 230 on QAS
ASVAB 31	ACT WorkKeys Bronze
AP 2	IB 4

**Capstone Project, Industry Certification and Concurrent Enrollment:** Students may also demonstrate mastery in English and Math by completing a Capstone Project, earning an Industry Certification recognized by business and industry, and/or successfully passing an English Concurrent Enrollment course and/or Math Concurrent course with a C or higher. *Please see BOE Policy IKF-R.*

## Approved Mastery Demonstrations:

### English

Examinations	Capstones	College-Level Course Work	Workforce Certification
Accuplacer Reading Comprehension 62	Approved Capstone Project	Completion of English (100 level or higher) course work with passing grade of C or higher	Approved Workforce Certificate
ACT English 18			
AP Exams 2 or higher			
ACT WorkKeys English Bronze or higher			
SAT 470			
Next Gen 241 Reading or 236 Writing			
ASVAB English 31			

### Math

Examinations	Capstones	College-Level Course Work	Workforce Certification
Accuplacer Elementary Algebra 61	Approved Capstone Project	Completion of Mathematics (100 level or higher) course with passing grade of C or higher	Approved Workforce Certificate
ACT Math 19			
AP Exams 2 or higher			
ACT WorkKeys Math Bronze or higher			
SAT Math 500			
Next Gen 255 on Arithmetic or 230 on QAS			
ASVAB Math 31			

District 49 Board of Education Policy IKF

<http://go.boarddocs.com/co/d49/Board.nsf/goto?open&id=BW3RMG6E9E7B>

District 49 Board of Education Policy IKF-R

<http://go.boarddocs.com/co/d49/Board.nsf/goto?open&id=BW6SB77024F9>

### Menu of Options for Other Content Areas

Students demonstrate mastery and earn credits through the successful final course exam outcomes or by demonstrating success on other designated examinations (listed below), successful completion of college-level course work or by earning an approved workforce certification. Students may also earn credits by demonstrating mastery of standards through completion of an approved Capstone project. The following tables establish the baseline expectations for demonstrations of mastery toward high school graduation.

**Approved Mastery Demonstrations:**

**Science**

Examinations	Capstones	College-Level Course Work	Workforce Certification
ACT Science 20	Approved Capstone Project	Completion of Science (100 level or higher) course work with passing grade of C or higher	Approved Workforce Certificate
SAT 1030			
AP Exams 2 or higher			
IB Exams 4 or higher			
CMAS Science Score (Meets or Exceeds)			
End of course exams/ final grades of C or higher			

**Social Studies**

Examinations	Capstones	College-Level Course Work	Workforce Certification
Successful Completion of National Citizenship Exam (Civics)	Approved Capstone Project	Completion of Social / Behavioral Sciences, History, or Political Science (100 level or higher) course work with passing grade of C or higher	Approved Workforce Certificate
AP Exams 2 or higher			
IB Exams 4 or higher			
End of course exams/ final grades of C or higher			

**World Language / Practical Arts**

Examinations	Capstones	College-Level Course Work	Workforce Certification
AP Examines 2 or higher	Approved Capstone Project	Completion of Foreign Language course work (100 level or higher) with passing grade of C or higher	Approved Workforce Certificate
IB Exams 4 or higher			
End of course exams / final grade of C or higher			

**Fine Arts**

Examinations	Capstones	College-Level Course Work	Workforce Certification
AP Exams 2 or higher	Approved Capstone Project	Completion of Arts (100 level or higher) course work with passing grade of C or higher	Approved Workforce Certificate
IB Exams 4 or higher			
Solo / Ensemble Competition 1			
End of course exam / performance assessment/ final grade of C or higher			

## Health

Examinations	Capstones	College-Level Course Work	Workforce Certification
End of course exam/ final grade of C or higher	Approved Capstone Project	Completion of Health (100 level or higher) with passing grade of C or higher	Approved Workforce Certificate

## Physical Education

Examinations	Capstones	College-Level Course Work	Workforce Certification
Successful completion of an athletic season	Approved Capstone Project	Completion of Physical Education (100 level or higher) course work with passing grade of C or higher	Approved Workforce Certificate
Participation in a school sponsored / approved activity (i.e. JROTC Drill, Civil Air Patrol, Marching Band, etc.)			
End of course exam / performance assessment/ final grade of C or higher			

### Mastery Demonstration by Course Exam

According to policy IKF-E, D49 students must successfully complete 24.5 credits and demonstrate mastery in all content areas to earn a high school diploma. Demonstration of mastery for English and math are determined by the state of Colorado. For all other content areas, mastery may be demonstrated by completion of college-level course work, earning a workforce certificate, successful completion of a school-approved capstone project, or by meeting approved course exam benchmarks.

Approved exams include:

- Final Grade or Cumulative Exam Score of a C or higher
- AP National Exam Score of a 2 or higher
- IB Exam Score of a 4 or higher

*Note: A successful AP or IB exam score is equivalent to one demonstration of mastery in that content area.*

Please click the link below to view District 49 BOE Policy IKF-E. This policy provides examples and guidance for mastery by exam in each content area.

[https://go.boarddocs.com/co/d49/Board.nsf/files/BWETGD7738D9/\\$file/IKF-E Graduation Requirements.pdf](https://go.boarddocs.com/co/d49/Board.nsf/files/BWETGD7738D9/$file/IKF-E%20Graduation%20Requirements.pdf)



### **Mastery Demonstration by Exam**

As described in policy IKF and IKF-R, in order to demonstrate mastery toward graduation, D49 students must successfully complete college-level course work, earn a workforce certificate, complete a school-approved capstone project or successfully complete approved exams.

Approved exams include:

\* Final Grade or Cumulative Exam Score C or higher

\*\* AP National Exam Score of 2 or higher

\*\*\* IB Exam Score 4 or higher

Note: A successful AP or IB exam score is equivalent to one demonstration.

### **Social Studies**

The following are intended to serve as **examples** of mastery demonstrations in the area of **Social Studies**. Mastery in Social Studies requires at least three demonstrations of mastery with at least one demonstration in **Civics** and one in at least one other Colorado Academic Standards area (Economics, History, Geography, other).

Civics	Economics	History	Geography	Other
Civics *	Personal Financial Literacy*	World History* AP World History**	Archeology* Geography*	Anthropology* Global Studies*
American Government*	Economics*	US History* AP US History**	AP Human Geography**	Criminology* Street Law to Mock Trial*
United States National Citizenship Exam <i>Successful Completion</i>	AP Economics**	AP European History**		Sociology*
AP Comparative Govt and Politics** AP U.S. Government**		Modern History* Modern World Studies*		Psychology* AP Psychology** IB Psychology*** Sports Psychology*
		IB 20th Century World History***		Critical Thinking* Theology*





**Science**

In addition to the approved exams above, in the area of **Science**, may also demonstrate mastery by successfully completing the Colorado Measures of Academic Success (CMAS), or ACT / SAT Science exams.

The following are intended to serve as **examples** of mastery demonstrations in the area of **Science**. Students must complete at least three demonstrations of mastery in science with a recommendation of at least one demonstration each in the areas of physical and life science.

Physical	Life	Earth and Space	Other
Physical Science*	Anatomy & Physiology* Anatomy & Physiology (H)*	Astronomy* Astronomy II*	Forensics or Forensic Science * Adv Forensic Science* Medical Forensics*
Chemistry* Chemistry(H)* Chem Comm* AP Chemistry** IB Chemistry I, II***	Biology or Biology(H)* AP Biology** IB Biology I, II***	Astrophysics*  Earth Science* Geology* Intro to Forestry* Environmental Science* AP Environmental** Green Design Technology* Intro to Renewable Energy*	Robotics*
Physics* Physics(H)* Physics II* Astrophysics* Linear Physics* AP Physics C** IB DP Physics I, II***	PLTW: Human Body Systems* PLTW: Princ of Biomed Science* PLTW: Medical Interventions* PLTW: Biomedical Innovations* Princ Bio Med I, II, III, or IV* Biotechnology* Health Science* Medical Science* Pathophysiology*  Marine Science* Veterinary Science* Zoology*  IB DP Sport Exercise Health Sci ***		



**Health and Physical Education**

In addition to the approved exams above, in the areas of **Physical Education and Health**, may also demonstrate mastery by successfully completing an athletic season, or participating in a school-sponsored approved activity.

The following are intended to serve as **examples** of mastery demonstrations in the areas of **Physical Education and Health**. Mastery must include demonstrations equivalent to two semesters in physical education and one semester in health.

Physical Education	Health
Introduction to PE Physical Education Adventure PE Partners in PE  Beginning Personal Training Advanced Personal Training Weight Training Advanced Weight Training Nutrition and Weight Lifting Life-Long Fitness Athletic Training I, II or III  Individual Sports Team Sports (Basketball, Football, Wrestling etc.)  Yoga	Health Nutrition Nutrition and Weight Lifting



**Fine Arts**

In addition to the approved exams above, in the area of **Fine Arts**, students may also demonstrate mastery by successfully completing a performance or presenting a project/portfolio.

The following are intended to serve as **examples** of mastery demonstrations in the area of **Fine Arts**. Mastering Fine Arts through end-of course exam/ final grade requires successful completion equivalent to two semester-long courses.

Visual Arts	Music & Dance	Drama & Theatre Arts
Intro to 2D*	Band*	Theater I, II or III*
Intermediate 2D*	Concert Band*	
Advanced 2D*	Jazz Band*	Tech Theater I or II*
Intro to 3D*	Marching Band*	
Intermediate 3D*	Symphonic Band*	One-Act Play*
Graphic Design & Illustration I or II*	Orchestra*	IB Theater Arts II***
Commercial Photo I or II*	Percussion*	
Digital Photography I or II*	Wind Ensemble*	
Adobe Illustrator*	Guitar I or II*	
Adobe Photoshop*	Choir*	
Ceramics I, II, III or IV*	Chamber Choir*	
Painting*	Concert Choir*	
IB Visual Art II***	Mixed Choir*	
AP Studio Art**	Men's Ensemble*	
	Show Choir*	
	Treble Choir*	
	Tenor/Bass Choir*	
	Women's Ensemble*	
	Women's Select*	
	Choir*	
	Music Theory*	



**World Language / Practical Arts**

In addition to the approved exams above, in the areas of **World Language / Practical Arts**, students may also demonstrate mastery by successfully completing a performance assessment, presenting a project/portfolio and coordinating course related events.

The following are intended to serve as **examples** of mastery demonstrations in the areas of **World Language/ Practical Arts**. Mastery in World Language/ Practical Arts requires at least two demonstrations equivalent to 4 semesters.

<b>World Language</b>	<b>Computer Science</b>	<b>Career &amp; Technical Education</b>	
American Sign Language (2 semesters)*	Computer Science Foundations*	ACE Courses*	Teacher Cadet I, II*
French, German or Spanish (2 semesters)*	Intro to PC Applications*	Culinary Essentials* Culinary Arts I, II*	Para Professional Educator* Child & Adolescent Development* Life Management* Early Childhood Ed*
Honors French, German or Spanish (2 semesters)*	Cybersecurity I, II*	PLTW: Intro to Engineering* PLTW: Princ of Engineering* PLTW: Civil Engr & Arch*	Intro to Business* Personal Finance* Princ of Acc/Fin* Princ of Marketing* Entrepreneurship*
AP French, German or Spanish (2 semesters)**	Coding I*	PLTW: Aerospace Engineering* PLTW: Engr Design & Development*	Carpentry Tech* Digital Electronics* Intro to Drafting & Design Concepts* Drafting Technology* Intro to Machining* Princ of Mfg* PLTW: Comp Integrated Mfg*
IB French, German or Spanish (2 semesters)***	Networking*	PLTW: Human Body Systems* PLTW: Princ of Biomed Science* PLTW: Medical Interventions* PLTW: Biomedical Innovations*	
Approved language other than English (2 semesters)*	Web Design Foundations* Website Development* Game Design* Cybersecurity*	Medical Forensics* Intro to Health Sci* Intro to Healthcare* Medical Terminology* Ethical & Legal Issues in Health Professions* Intro to Fire Science & Emergency Services*	
Spanish Heritage Speaker Level I, II*			
Seal of Biliteracy			





# Sand Creek High School Credit Check Sheet



Name:

Postsecondary Goal:

Grad Year: 2022

Program:

English								
Social Studies								
Science								
Math								
For. Lang / Pract. Art								
Fine Arts								
Technology								
Physical Ed.								
Health								
Electives								
Extra								

## Mastery:

English:	Math:	Essential Skills:
Social Studies:	Science:	For. Lang / Pract. Art:
Health:	Physical Ed.:	Fine Arts:
Accuplacer ENG:            Math:            Date:		ASVAB Score:            Date:

## Pathways and Plans of Study

In order for students to meet their post-secondary and workforce goals, students are encouraged to choose a pathway and a plan of study to help guide them through the appropriate course sequences in each subject. All students (sixth through twelfth grade) in District 49 have Pathway Plan (also known as ICAP). Through the College in Colorado website, students can access information concerning careers, interests, post-secondary options, military, industry, certifications, concurrent enrollment, test prep, etc. and update their Pathway Plan (ICAP) to meet their individual needs. Advisors, teachers, counselors, teacher leaders, and administrators can advise and support students through their individual plans.

### Examples of Pathways and Plans of Study:

#### Sand Creek High School Diploma

9th Grade	10th Grade	Mastery	11th Grade	12th Grade
English I	English II	SAT 470+, ACT 18+, AP 2+, CE C+	English III	English IV
Algebra 1	Geometry	SAT 500+, ACT 19+, AP 2+, CE C+	Algebra II	Elective
Biology	Chemistry	C or higher on Final Exam + Passing Course	Science Elective	Elective/Online Course/CE
Civics/PFL Economics	World History	Capstone Project	US History	American Government
Foreign Language I or Practical Art	Foreign Language II or Practical Art	Industry Certification	Elective/Online Course/CE	Elective, Internship
Fine Art Elective	Fine Art Elective	Credits obtained per Pathway Requirements	Elective, Job Shadow, or Internship	Elective
Intro to PE/ Health or Other Elective	PE/ Health or Other Elective	ICAP Indicators		
Technology Elective	Elective			

#### Advanced Academics

AP & CE courses are recommended Options

9th Grade	10th Grade	Mastery	11th Grade	12th Grade
English I (H)	English II (H)	SAT 470+, ACT 18+, AP 2+, CE C+	AP or CE	AP or CE
Algebra 1 or Higher	Geometry or Higher	SAT 500+, ACT 19+, AP 2+, CE C+	AP Statistics, AP Calculus, or CE	AP Statistics, AP Calculus, or CE
Biology (H)	Chemistry (H)	C or higher on Final Exam + Passing Course Capstone Project	AP Chemistry, AP Biology, or CE	AP Chemistry, AP Biology, or CE
Civics/Geography (H)	World History (H)	Industry Certification	AP US History or CE	AP Government or CE
Foreign Language I	Foreign Language II	Credits obtained per Pathway Requirements	Foreign Language III	Foreign Language IV
Fine Art Elective	Fine Art Elective	ICAP Indicators	CE or other Elective	CE or other Elective
Intro to PE/ Health or Other Elective	PE/ Health or Other Elective			
Technology Elective	Elective		Elective	Elective

### AMPED - PLTW

AP & CE courses are recommended Options

9th Grade	10th Grade	Mastery	11th Grade	12th Grade
English I or English I (H)	English II or English (H)	SAT 470+, ACT 18+, AP 2+, CE C+	English III, AP or CE	English IV, AP, or CE
Algebra 1 or Higher	Geometry or Higher	SAT 500+, ACT 19+, AP 2+, CE C+	Algebra II or Higher	Pre-Calculus or higher
Biology or Biology (H)	Chemistry or Chemistry (H)	C or higher on Final Exam + Passing Course	Science Elective	Elective/Online Course/CE
Civics/Geography or Civics(H)/Geography(H)	World History or World History (H)	Capstone Project	US History or AP US History	American Government or AP Government
Foreign Language I	Foreign Language II	Industry Certification	Elective/Online Course/CE	
Fine Art Elective	Fine Art Elective	Credits obtained per Pathway Requirements	Elective, Job Shadow or Internship	Elective or CE
Intro to PE/ Health or Other Elective	PE/ Health of Other Elective	ICAP Indicators	Elective	ADD
IED	POE		EDD	

### AMPED - ART

AP & CE courses are recommended Options

9th Grade	10th Grade	Mastery	11th Grade	12th Grade
English I or English I (H)	English II or English II (H)	SAT 470+, ACT 18+, AP 2+, CE C+	English III, AP or CE	English IV, AP or CE
Algebra 1	Geometry	SAT 500+, ACT 19+, AP 2+, CE C+	Algebra II	
Biology or Biology (H)	Chemistry or Chemistry (H)	C or higher on Final Exam + Passing Course	Science Elective	Elective/Online Course/CE
Civics/Geography or Civics(H)/Geography(H)	World History or World History (H)	Capstone Project	US History or AP US History	American Government or AP Government
Foreign Language I or Practical Art	Foreign Language II or Practical Art	Industry Certification	Elective/Online Course/CE	Elective or CE
Intro 2D/Intro 3D	Visual Arts Electives	Credits obtained per Pathway Requirements	Elective, Job Shadow or Internship	Visual Arts Electives (Area of Pathway Focus)
Intro to PE/ Health or Other Elective	PE/ Health of Other Elective	ICAP Indicators	Visual Arts Electives (Area of Pathway Focus)	
Technology Elective	Elective			

### Business - Associates or Bachelors

9th Grade	10th Grade	Mastery	11th Grade	12th Grade
English I or English I (H)	English II or English II (H)	SAT 470+, ACT 18+, IB 4+, AP 2+, CE C+	English III, AP, CE or Elective	English IV, AP, CE or Elective
Math	Math	SAT 500+, ACT 19+, IB 4+, AP 2+, CE C+	Math	Math, MAT 107 or MAT121
Science	Science	C or higher on Final Exam + Passing Course	Science	Science
Civics/Geography or Civics(H)/Geography(H)	World History or World History (H)	Capstone Project	US History or AP US History	American Government or AP Government
Intro to Bus/Intro to Communication	Accounting I/Principles of Marketing/Econ	Industry Certification	Job Shadow or Internship/PFL/ACE	Job Shadow or Internship/PFL/ACE
Career Exploration	Business Communications/Business Lab	Credits obtained per Pathway Requirements	COM 115/Business Lab	None; COM 115/Business Lab
Intro to PE/Health or other Elective	Elective	ICAP Indicators	BUS 115	None; BUS 115
Elective	Elective			

### Business - Career

9th Grade	10th Grade	Mastery	11th Grade	12th Grade
English I or English I (H)	English II or English II (H)	SAT 470+, ACT 18+, AP 2+, CE C+	English III, Technical Writing or COM 115	None; Technical Writing/Com 115
Math	Math	SAT 500+, ACT 19+, AP 2+, CE C+	Business Math, MAT 103, 107, or 112	None; Business Math, MAT 103, 107, or 112
Science	Science	C or higher on Final Exam + Passing Course	Science	
Civics/Geography or Civics(H)/Geography(H)	World History or World History (H)	Capstone Project	US History or AP US History	American Government or AP Government
Business Basics/Intro to Business or Intro to Communication	Intro to Finance/Principles of Marketing	Industry Certification	Job Shadow or Internship/PFL/ACE	Job Shadow or Internship/PFL/ACE
Career Exploration	Business Communications/Business Lab	Credits obtained per Pathway Requirements	COM 115/Business Lab	None; COM 115/Business Lab
Intro to PE/Health or other Elective	Elective	ICAP Indicators	BUS 115	None; BUS 115
Elective	Elective			