### **STRONGMIND**<sup>™</sup> 2023-2024 COURSE LIST

Year-long courses are delivered in a two-semester format.

### **GRADES 9-12**

SCIENCE	(L)	GRADE	GENERAL	HONORS
Physical Science		9-12	<b>Ø</b>	
Biology		9-12	<b>Ø</b>	<b>Ø</b>
AP® Biology ∆†		9-12		
Chemistry		9-12	<b>Ø</b>	<b>Ø</b>
Physics <sup>^</sup>		9-12	<b>Ø</b>	
Earth Science <sup>^†</sup>		9-12	<b>Ø</b>	
Environmental Science		9-12	<b>Ø</b>	
Marine Science <sup>Δ</sup>		9-12	<b>Ø</b>	

MATHEMATICS	<b>(</b>	GRADE	GENERAL	HONORS
Pre-Algebra	U	6-9	<b>Ø</b>	
Algebra 1		9-12	<b>Ø</b>	<b>Ø</b>
Geometry		9-12	<b>Ø</b>	<b>Ø</b>
Algebra 2		9-12	<b>Ø</b>	<b>Ø</b>
Extended Algebra 2		9-12	<b>Ø</b>	
Pre-Calculus <sup>△</sup>		9-12	<b>Ø</b>	
AP® Calculus ∆†		11-12		
Financial Mathematics	(L)	9-12	<b>Ø</b>	
Applied Mathematics	U	9-12	<b>Ø</b>	
Consumer Math <sup>△</sup>		9-12	<b>Ø</b>	
College Mathematics Preparation		11-12	<b>Ø</b>	
AP® Statistics △†	U	9-12	<b>Ø</b>	

ENGLISH LANGUAGE ARTS	()	GRADE	GENERAL	HONORS
English 9		9	<b>Ø</b>	<b>Ø</b>
English 10		10		<b>Ø</b>
English 11		11		<b>Ø</b>
English 12		12	<b>Ø</b>	<b>②</b>
AP® English Language & Composition $^{\triangle}\dagger$		9-12		
$AP^{\text{\tiny{(8)}}}$ English Literature & Composition $^{\vartriangle} \dagger$		9-12		

HEALTH / PHYSICAL EDUCATION	()	GRADE	GENERAL	HONORS
First Aid △	(L)	9-12	<b>Ø</b>	
Health Education	(L)	9-12	<b>Ø</b>	
Nutrition <sup>Δ</sup>	U	9-12	<b>Ø</b>	
Physical Education		9-12	<b>Ø</b>	
Personal Fitness		9-12	<b>Ø</b>	

#### O Semester course ♦ 4-semester course △ Provided through a 3rd party

ELECTIVES	<b>(</b>	GRADE	GENERAL	HONORS
Accounting <sup>Δ</sup>	(L)	9-12	<b>Ø</b>	
Anatomy & Physiology <sup>Δ</sup>		9-12	<b>Ø</b>	
Art History: Origins	U	9-12	<b>Ø</b>	
Art History: Modern	(L)	9-12	<b>Ø</b>	
Business Law <sup>△</sup>	U	9-12	<b>Ø</b>	
Career Planning <sup>△</sup>	U	9-12	<b>Ø</b>	
AP® Computer Science Principles∆†	U	9-12	<b>Ø</b>	
Character Education	U	6-12	<b>Ø</b>	
Child Development <sup>△</sup>	U	9-12	<b>Ø</b>	
Criminology & Forensics	U	9-12	<b>Ø</b>	
Criminology & Justice	U	9-12	<b>Ø</b>	
Entrepreneurship	(L)	9-12	<b>Ø</b>	
Fashion Design		9-12	<b>Ø</b>	
Gaming Unlocked	U	6-12	<b>Ø</b>	
Graphic & Web Design	(L)	9-12	<b>Ø</b>	
Interior Design		9-12	<b>Ø</b>	
Intro to Business <sup>△</sup>	U	9-12	<b>Ø</b>	
Journalism <sup>△</sup>	(L)	9-12	<b>Ø</b>	
Photography Basics	U	6-12	<b>Ø</b>	
Physiology <sup>Δ</sup>		9-12	<b>Ø</b>	
Principles of Marketing	U	9-12	<b>②</b>	
Professional Sales	U	9-12	<b>Ø</b>	
Psychology		9-12	<b>Ø</b>	
Public Speaking	(L)	9-12	<b>Ø</b>	
Sociology <sup>Δ</sup>	U	9-12	<b>Ø</b>	
Study Skills & Strategies <sup>A</sup>	U	9-12	<b>Ø</b>	
Theater Studies <sup>△</sup>	U	9-12	<b>Ø</b>	

SOCIAL STUDIES		GRADE	GENERAL	HONORS
World Geography		9-12	<b>Ø</b>	
World History		9-12	<b>Ø</b>	
US History		9-12	<b>Ø</b>	<b>Ø</b>
US Government	U	9-12	<b>Ø</b>	$\bigcirc$
$AP^{\circledast}$ Government and Politics A $^{\triangle} \dagger$		9-12		
Civics and Citizenship	(L)	9-12	<b>Ø</b>	
Economics	(1)	9-12	<b>Ø</b>	
Ethnic Studies <sup>a</sup>	(1)	9-12	<b>Ø</b>	

<sup>†</sup> This course requires additional software or materials to be purchased by the school.

Courses can be used for a flexible, credit recovery experience leveraging the robust tools within the StrongMind LMS to accelerate learning.

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#### **GRADES 9-12 (CONTINUED)**

CAREER / TECHNICAL ELECTIVES	(J	GRADE	GENERAL	HONC
Adobe® After Effects® Certification <sup>Δ†</sup> Student must have access to Adobe After Effects to successfully complete this course	(1)	9-12	<b>Ø</b>	
Adobe® Illustrator® Certification ^† Student must have access to Adobe Illustrator to successfully complete this course	(1)	9-12	<b>Ø</b>	
Adobe® InDesign® Certification ^† Student must have access to Adobe InDesign to successfully complete this course	(1)	9-12	•	
Adobe® Photoshop® Certification <sup>Δ†</sup> Student must have access to Adobe Photoshop to successfully complete this course	(L)	9-12	<b>O</b>	
Adobe® Premiere Pro® Certification ^† Student must have access to Adobe Premiere Pro to successfully complete this course	(1)	9-12	•	
Aeronautics and Space Travel <sup>△</sup>	(L)	9-12	<b>Ø</b>	
Agriscience I <sup>△</sup>	(L)	9-12	<b>Ø</b>	
Agriscience II <sup>△</sup>	U	9-12	<b>Ø</b>	
Agriscience III <sup>△</sup>	U	9-12	<b>Ø</b>	
Architectural Design I △†	U	9-12	<b>Ø</b>	
Architectural Design II <sup>△</sup> †	(L)	9-12	<b>②</b>	
Architectural Design III <sup>△</sup> †	U	9-12	<b>Ø</b>	
Augmented and Virtual Reality Applications $^{\vartriangle}$	U	9-12	<b>Ø</b>	
Building Maintenance Technology I $^{\vartriangle}$	U	9-12	<b>Ø</b>	
Building Maintenance Technology II <sup>△</sup>	U	9-12	<b>Ø</b>	
Career Exploration in Dentistry △	U	6-12	<b>Ø</b>	
Career Exploration in Finance △	U	9-12	<b>Ø</b>	
Career Exploration in Healthcare $^\vartriangle$	U	9-12	<b>Ø</b>	
Cloud Technologies and the Internet of Things $^{\boldsymbol{\Delta}}$	(1)	9-12	<b>Ø</b>	
Construction: Fundamentals and Careers $^{\vartriangle}$	U	9-12	<b>Ø</b>	
Cybersecurity <sup>△</sup>	U	9-12	<b>Ø</b>	
Drones: Remote Pilot Certification Course $^{\vartriangle}$	U	6-12	<b>Ø</b>	
Early Childhood Education I <sup>△</sup>	U	9-12	<b>Ø</b>	
Early Childhood Education II <sup>△</sup>	U	9-12	<b>Ø</b>	
Education & Teaching Advanced $^{\vartriangle}$	U	9-12	<b>Ø</b>	
Entrepreneurship & Small Business Certification Course $^{\vartriangle}$	(L)	9-12	•	
Fundamentals of Bitcoin & Cryptocurrency $^\vartriangle$	U	9-12	<b>Ø</b>	
Fundamentals of Blockchain & Cryptography $^\vartriangle$	(L)	6-12	<b>Ø</b>	
Health Management & Information Systems $^{\vartriangle}$	(L)	9-12	<b>Ø</b>	
Introduction to Artificial Intelligence $^{\vartriangle}$	U	9-12	<b>Ø</b>	

CAREER / TECHNICAL ELECTIVES	(L)	GRADE	GENERAL	HONORS
Java SE 8 Associate <sup>△</sup> †	U	9-12	<b>Ø</b>	
LEED Green Associate Certification Course $^{\vartriangle}$	U	9-12	<b>Ø</b>	
Microsoft® Excel® Certification Course △†	U	9-12	<b>Ø</b>	
Microsoft® Outlook® Certification Course ∆†	U	9-12	<b>Ø</b>	
${\sf Microsoft}^{\texttt{@}}\ {\sf PowerPoint}^{\texttt{@}}\ {\sf Certification}\ {\sf Course}{}^{\vartriangle}\!$	U	9-12	<b>Ø</b>	
Microsoft® Word® Certification Course ∆†	U	9-12	<b>Ø</b>	
$Networking^{\vartriangle}$	U	9-12	<b>Ø</b>	
Personal Finance <sup>^</sup>	U	9-12	<b>Ø</b>	
Project Management <sup>(1)</sup>	U	9-12	<b>Ø</b>	
Quickbooks® △†	U	9-12	<b>Ø</b>	
Robotics: Applications and Careers $^{\vartriangle}$	U	9-12	<b>Ø</b>	
Smart Cities: Technology and Applications $^\vartriangle$	U	9-12	<b>Ø</b>	
Social Media Business Marketing $^\vartriangle$	U	9-12	<b>Ø</b>	
Startups and Innovation $^{\vartriangle}$	U	9-12	<b>Ø</b>	
Swift App Development △†	U	9-12	<b>Ø</b>	
Teaching as a Profession <sup>△</sup>	U	9-12	<b>Ø</b>	
The History of Gaming and Esports $^{\vartriangle}$	U	9-12	<b>Ø</b>	
Transportation Technologies $^{\vartriangle}$	U	9-12	<b>Ø</b>	
Wearable Technology Innovations $^{\vartriangle}$	U	6-12	<b>Ø</b>	

CREDIT RECOVERY ∞	(U	GRADE	GENERAL I	HONORS
English 9	U	9-12	<b>Ø</b>	
English 10	U	9-12	<b>Ø</b>	
English 11	U	9-12	<b>Ø</b>	
English 12	U	9-12	<b>Ø</b>	
Algebra 1	U	9-12	<b>Ø</b>	
Geometry	U	9-12	<b>Ø</b>	
Algebra 2	U	9-12	<b>Ø</b>	
Physical Science	U	9-12	<b>Ø</b>	
Biology	U	9-12	<b>Ø</b>	
Chemistry	U	9-12	<b>Ø</b>	
US History	U	9-12	<b>Ø</b>	
World History	U	9-12	<b>Ø</b>	
U.S. Government	U	9-12	<b>Ø</b>	
Economics	(L)	9-12	<b>Ø</b>	

O Semester course ◊ 4-semester course △ Provided through a 3rd party ∞ Courses can be used for a flexible, credit recovery experience leveraging the robust tools within the StrongMind LMS to accelerate learning.

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### **GRADES 9-12 (CONTINUED)**

WORLD LANGUAGES	()	GRADE	GENERAL	HONORS
Spanish 1		9-12	<b>②</b>	
Spanish 2		9-12	<b>Ø</b>	
Spanish 3		9-12	<b>Ø</b>	
AP® Spanish Language <sup>△</sup> †		9-12		
French 1 <sup>△</sup>		9-12	<b>Ø</b>	
French 2 <sup>△</sup>		9-12	<b>Ø</b>	
French 3 <sup>△</sup>		9-12	<b>Ø</b>	
German 1 <sup>△</sup>		9-12	<b>Ø</b>	
German 2 <sup>△</sup>		9-12	<b>Ø</b>	
American Sign Language 1		9-12	<b>Ø</b>	
American Sign Language 2		9-12	<b>②</b>	

Semester course ◊ 4-semester course △ Provided through a 3rd party
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#### **GRADES 6-8**

ENGLISH LANGUAGE ARTS	(L)	GRADE	GENERAL	HONORS
English 6		6	<b>②</b>	<b>O</b>
English 7		7	<b>Ø</b>	<b>O</b>
English 8		8	<b>Ø</b>	<b>O</b>
Intensive Reading	(1)	6-8	<b>Ø</b>	
SOCIAL STUDIES		GRADE	GENERAL	HONORS
MS US History: Colonization to 1900		6-8	<b>Ø</b>	
MS World History: Ancient Times to 1770s		6-8	<b>Ø</b>	
MS World History: Peoples of the Ancient World		6-8	<b>O</b>	
MS Civics and Economics		6-8	<b>Ø</b>	
WORLD LANGUAGES	U	GRADE	GENERAL	HONORS
MS Spanish 1		6-8	<b>Ø</b>	
MS Spanish 2		6-8		
MATHEMATICS	0	GRADE	GENERAL	HONORS
MATHEMATICS  Math 6	0	GRADE 6	GENERAL 🕏	HONORS 🕏
	0			
Math 6	<b>(</b> )	6	<b>Ø</b>	<b>②</b>
Math 6 Math 7	( <u>)</u>	6 7	<b>Ø</b>	<b>Ø</b>
Math 6 Math 7 Math 8		6 7 8	0	<b>Ø</b>
Math 6 Math 7 Math 8		6 7 8 6-9	0	<b>O O</b>
Math 6 Math 7 Math 8 Pre-Algebra	()	6 7 8 6-9	<ul><li>0</li><li>0</li><li>0</li><li>0</li></ul>	<b>O O</b>
Math 6 Math 7 Math 8 Pre-Algebra	()	6 7 8 6-9	<ul><li>♥</li><li>♥</li><li>♥</li><li></li><li>GENERAL</li></ul>	<b>O O</b>
Math 6 Math 7 Math 8 Pre-Algebra  SCIENCE MS Environmental Science	()	6 7 8 6-9 GRADE 6-8	<ul><li>♥</li><li>♥</li><li>♥</li><li></li><li>GENERAL</li></ul>	<b>O O</b>
Math 6 Math 7 Math 8 Pre-Algebra  SCIENCE MS Environmental Science MS Biology and Physical Science MS Physical Science	©	6 7 8 6-9 GRADE 6-8 6-8	♥ ♥ ♥ GENERAL ♥ ♥	<ul><li>♥</li><li>♥</li><li>HONORS</li></ul>
Math 6 Math 7 Math 8 Pre-Algebra  SCIENCE MS Environmental Science MS Biology and Physical Science MS Physical Science HEALTH/PHYSICAL EDUCATION	© •	6 7 8 6-9 GRADE 6-8 6-8 6-8	GENERAL  GENERAL	<ul><li>♥</li><li>♥</li><li>HONORS</li></ul>
Math 6 Math 7 Math 8 Pre-Algebra  SCIENCE MS Environmental Science MS Biology and Physical Science MS Physical Science HEALTH/PHYSICAL EDUCATION Physical Education - Grade 6	© ©	6 7 8 6-9 GRADE 6-8 6-8 6-8	GENERAL  GENERAL	<ul><li>♥</li><li>♥</li><li>HONORS</li></ul>
Math 6 Math 7 Math 8 Pre-Algebra  SCIENCE MS Environmental Science MS Biology and Physical Science MS Physical Science  HEALTH / PHYSICAL EDUCATION Physical Education - Grade 6 Physical Education - Grade 7	© ©	6 7 8 6-9 GRADE 6-8 6-8 6-8 GRADE 6 7	GENERAL  GENERAL  GENERAL  O	<ul><li>♥</li><li>♥</li><li>HONORS</li></ul>
Math 6 Math 7 Math 8 Pre-Algebra  SCIENCE MS Environmental Science MS Biology and Physical Science MS Physical Science HEALTH/PHYSICAL EDUCATION Physical Education - Grade 6	© ©	6 7 8 6-9 GRADE 6-8 6-8 6-8	GENERAL  GENERAL	<ul><li>♥</li><li>♥</li><li>HONORS</li></ul>

ELECTIVES	(L)	GRADE	GENERAL	HONORS
2D Media Artwork	(1)	4-8	<b>Ø</b>	
3D Graphics and Video	(1)	4-8	•	
Art Appreciation <sup>Δ</sup>	(1)	6-8	•	
Beginning Painting <sup>△</sup> †	(1)	6-8	•	
Career Exploration	(1)	6-8	<b>Ø</b>	
Computer Applications	U	4-8	<b>Ø</b>	
Computer Basics <sup>△</sup>	(1)	6-8	•	
Character Education	(1)	6-12	<b>Ø</b>	
Digital Savvy △	(1)	6-8	•	
Drawing Ơ	(1)	6-8	•	
Gaming Unlocked	(1)	6-12		
Introduction to Coding		6-8	<b>Ø</b>	
JavaScript Game Design <sup>△</sup>	(1)	6-8	<b>Ø</b>	
JavaScript Tower Defense <sup>△</sup>	(1)	6-8	<b>Ø</b>	
Keyboarding	(1)	4-8	<b>Ø</b>	
Music Appreciation <sup>△</sup>	(1)	6-8	•	
MS Art Explorations <sup>△</sup>	(1)	6-8	<b>Ø</b>	
MS Photography Basics	(1)	6-8	<b>Ø</b>	
Python Multiplayer Adventure <sup>△</sup>	(1)	6-8	<b>Ø</b>	
Roblox® Worlds Coding with LUA $^{\vartriangle}$	(1)	6-8	<b>Ø</b>	
Scratch Coding	(1)	6-8	<b>Ø</b>	

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### **GRADES K-5**

SOCIAL STUDIES	C	GRADE	GENERAL	HONORS
Social Studies - Kindergarten		K	<b>Ø</b>	
Social Studies - Grade 1		1	<b>Ø</b>	
Social Studies - Grade 2		2	<b>Ø</b>	
Social Studies - Grade 3		3	<b>Ø</b>	
Social Studies - Grade 4		4	<b>Ø</b>	
Social Studies - Grade 5		5	<b>Ø</b>	

MATHEMATICS	(U	GRADE	GENERAL	HONORS
Mathematics - Kindergarten		K	<b>Ø</b>	
Mathematics - Grade 1		1	<b>Ø</b>	
Mathematics - Grade 2		2	<b>Ø</b>	
Mathematics - Grade 3		3	<b>Ø</b>	
Mathematics - Grade 4		4	<b>Ø</b>	
Mathematics - Grade 5		5	<b>Ø</b>	

ELECTIVES	(J	GRADE	GENERAL	HONORS
2D Media Artwork	(L)	4-8	<b>Ø</b>	
3D Graphics and Video	(L)	4-8	<b>Ø</b>	
Art - Kindergarten	(L)	K	<b>Ø</b>	
Art - Grade 1	(L)	1	<b>Ø</b>	
Art - Grade 2	U	2	<b>Ø</b>	
Art - Grade 3	(L)	3	<b>Ø</b>	
Computer Applications	(L)	4-8	<b>Ø</b>	
Introduction to Computers	(L)	K-3	<b>Ø</b>	
Keyboarding	(L)	4-8	<b>Ø</b>	
Minecraft® for Kids Command Blocks Scripting $^{\Delta}$	(1)	K-5	<b>Ø</b>	
Roblox® for Kids <sup>△</sup>	(L)	K-5	<b>Ø</b>	

ENGLISH LANGUAGE ARTS	(L)	GRADE	GENERAL	HONORS
English Language Arts - Kindergarten		K	<b>Ø</b>	
English Language Arts - Grade 1		1	<b>Ø</b>	
English Language Arts - Grade 2		2	<b>②</b>	
English Language Arts - Grade 3		3	<b>Ø</b>	
English Language Arts - Grade 4		4	<b>Ø</b>	
English Language Arts - Grade 5		5	<b>Ø</b>	
Foundations in Reading	(l)	1-3	<b>Ø</b>	

HEALTH / PHYSICAL EDUCATION	(U	GRADE	GENERAL	HONORS
Physical Education - Kindergarten		K	<b>Ø</b>	
Physical Education - Grade 1		1	<b>Ø</b>	
Physical Education - Grade 2		2	<b>Ø</b>	
Physical Education - Grade 3		3	<b>Ø</b>	
Physical Education - Grade 4		4	<b>Ø</b>	
Physical Education - Grade 5		5	<b>Ø</b>	
Health Education - Kindergarten	U	K	<b>Ø</b>	
Health Education - Grade 1	U	1	<b>Ø</b>	
Health Education - Grade 2	(L)	2	<b>Ø</b>	
Health Education - Grade 3	U	3	<b>Ø</b>	
Health Education - Grade 4	U	4	<b>Ø</b>	
Comprehensive Health Education Grade 4*	U	4	<b>Ø</b>	
Health Education - Grade 5	U	5	•	
Comprehensive Health Education Grade 5*	(1)	5	<b>Ø</b>	

SCIENCE	GRADE	GENERAL	HONORS
Science - Kindergarten	K	<b>Ø</b>	
Science - Grade 1	1	<b>Ø</b>	
Science - Grade 2	2	<b>Ø</b>	
Science - Grade 3	3	<b>Ø</b>	
Science - Grade 4	4	<b>Ø</b>	
Science - Grade 5	5	<b>Ø</b>	