

Life Academy K–12 Scope & Sequence

Every weekly lesson topic, by grade and subject, taken from the live course. Week 1 of every grade is free to try. \$35/month or \$336/year per student; family plan (up to 4 students) \$69/month or \$662/year.

Kindergarten

Wk	English	Math	Science	History	Life Ready
01	Letters Mm, short a, Tt — mouth shapes & clean sounds	Count 1–5 with one-to-one touch counting	Five senses: sight	My family names — people who came before me	Say full name clearly 3×
02	Ss, Ii, Pp — blend first CVC: at, am, sat, mat, sip	Count 0–10; make sets; compare more/less	Five senses: hearing	Map of my home: rooms in order	Phone number practice (first 3 digits)
03	Nn, Dd, Cc(/k/) — CVC: nap, sad, can, tip, pan	Numbers 0–10 writing; before/after	Five senses: touch	Community helpers: mail, fire, doctor, teacher	Knock / greet / thank you
04	Gg, Oo, Ff — CVC: dog, fog, top, got, fig	Compare sets to 10; equal groups	Five senses: smell and taste (safe)	Rules at home vs rules in public	Handwashing 20-second routine
05	Bb, Hh, Ee — CVC: bed, hen, hop, bat, hat	Numbers to 12; ten-frame intro	Weather: sun, rain, wind, cloud	Yesterday, today, tomorrow — a first timeline	Dress for weather independently
06	Ll, Rr, Uu — CVC: run, leg, rug, sun, bus	AB / ABB patterns; extend patterns	Day and night	Family timeline: oldest to youngest	Set napkin + spoon for family
07	Jj, Kk, Ww — CVC: jam, kid, wet, wink, jet	Add within 5 with objects (I do/We do/You do)	Living vs nonliving	The U.S. flag: 50 stars, 13 stripes — what they count	Feed pet / water plant chore
08	Yy, Vv, Xx, Zz + full alphabet review	Subtract within 5 with objects	Pets vs wild animals	The Pledge: words mean something (age-right)	Full name + age + city
09	Fluency with short a/i CVC; handwriting stamina	Numbers to 15; count on from any number	Plants need water	Needs vs wants in a family	Make bed corners
10	Short o/e/u CVC; dictation 3-letter words	Add within 10 using ten-frame	Seeds and sprouts	Jobs people do in our town	Sort laundry lights/darks with parent
11	New: sh=/sh/ — ship, shop, fish, shut, cash	Partners of 10: 7+3, 6+4, 5+5	Plants need light	Goods vs services — a bakery and a nurse	Clear plate / wipe table
12	ch=/ch/ — chip, chop, chin, much, rich	Subtract within 10; related facts	Seasons	Find our home state on a U.S. map	Thank-you sentence aloud
13	th voiced/unvoiced — this, that, thin, bath, path	Numbers to 20; teen structure (10+)	Magnets: stick or not	Seven continents — point, don't just sing	Put toys in labeled bins
14	wh=/wh/, ck=/k/ after short vowel — whip, duck, sock	Compare numbers to 20 with symbols intro	Sink or float	People lived here first — Native nations of this land (overview)	Emergency: parent phone full practice
15	Beginning blends st-/sp- — stop, spin, spot, stem	Add within 10 fluency games	Solids vs liquids	July 4, 1776 — Independence Day is a date, not a picnic only	Pour water carefully into cup
16	bl/cl/fl — blue, clap, flag, black, clip	Subtraction fluency within 10	Ice melt — change of state	George Washington was the first U.S. president — a fact	Fold washcloth
17	br/cr/dr — crab, drip, brick, drop, crab	Story problems within 10 (draw + solve)	Animal coverings	Abraham Lincoln: the Union and the end of slavery (age-right fact)	Brush teeth routine checklist
18	Mixed digraphs + blends + CVC speed read	Midyear math check: count 20, +/- within 10	Show one science demo to family	Midyear: family timeline + flag facts check	Chore chart week
19	Intro magic e: cap→cape, hat→hate (gentle)	Shapes: circle, square, triangle, rectangle	Push and pull	Land vs water on a simple globe	Identify penny vs nickel
20	bike, like, time, hide, five	Compose shapes; pattern block play	Shadows	Cities and farms — where food and people gather	Count mixed pennies to 10¢
21	Build words with letter tiles; change one sound	Teen numbers 11–19 deep (10 and some ones)	Kitchen science: dissolve sugar	Travel then and now (wagon, rail, car, plane)	Pack the K backpack by yourself
22	Read 4–6 word sentences; scoop phrases	Compare teens; order numbers	Plant parts we eat	Letters and phones — how news used to move	Pledge posture practice (optional)
23	Segment + write CVC/digraph words from dictation	Measure with cubes (longer/shorter)	Insects vs spiders	Holidays remember events — name one and when	Hold door / please / excuse me
24	3-minute repeated reading of decodable page	Nonstandard measure: footsteps across room	Habitats: ocean, forest, desert	Police and fire as civic jobs, not cartoon heroes	Save 5 pennies in jar goal
25	Read shop signs / labels; letter hunt in kitchen	Penny values; count on by 1¢	Heat and cold safety	Voting: grown-ups choose leaders (simple, true)	Set place for 2 people

Wk	English	Math	Science	History	Life Ready
26	Write shopping list (invented spelling OK + phonics)	Nickel=5; count nickels; penny+nickel	Nature walk observations	Coins then and now — a penny is money, not a toy	Wipe spills checklist
27	Listen to read-aloud; retell B-M-E with pictures	Add within 10 word problems (money context)	Water around us	School then and now — slates vs screens	Catch a bug gently / release
28	I like ____ because ____ (oral then write 1 sentence)	Subtract within 10 story problems	Engineering: five-block tower	The name of our town or county — a place has a past	Recycle sort (paper/plastic)
29	Read simple recipe words; sequence first/next/last	Cooking measure: cups of water play	Sort by properties	Coast vs inland — water shapes where people live	Make no-cook snack with parent
30	Labels on map; north arrow intro	Positional words + grid game (A1 style light)	The moon looks different	National symbols: flag, bald eagle, anthem first line	Plan route from bedroom to door
31	Goods vs services words; read helper labels	Fair shares: split 6 / 8 / 10 objects	Trash vs recycle	Memorial and Veterans days remember real soldiers	Earn a Kindergarten chore token
32	Read health words (rest, wash, move, water)	Graph: favorite fruit (tally→pictograph)	Sleep and movement for the body	Maps: north arrow and a key (legend)	30-minute outdoor move
33	Reader's theater: 2-person decodable script	Mixed +/- within 10 timed (gentle)	Re-run a favorite experiment	Review: flag, map, family timeline	Teach a sibling/toy the letter Mm
34	Write 3-sentence story with drawings	Shape hunt + count vertices (corners)	Engineering: ramp for a toy	A neighbor's job interview (ask two factual questions)	Mail/draw a thank-you card
35	Full phonics battery + high-frequency review	Math battery: count 100 by 1s chart; +/-10	Nature observation log	Then vs now museum walk (old object / new object)	Independence checklist day
36	Child teaches parent a lesson; portfolio night	Math games night (war with cards 0–10)	Science portfolio: best evidence	History portfolio: best true story I can teach back	Life Skills Fair: demo 3 skills

Grade 1

Wk	English	Math	Science	History	Life Ready
01	Short vowel CVC review (a i o e u)	Add within 10 fluency	Weather tools: thermometer	Maps: home to school path with a key	Morning routine checklist
02	sh=/sh/ decode + encode	Partners of 10	Wind and clouds	Community helpers and the tools of their jobs	Pack backpack independently
03	ch=/ch/; contrast sh vs ch	Add within 10 story problems	Solids and liquids	Rules become laws when a community writes them	Clear place after snack
04	th voiced/unvoiced	Make 10; missing addend	Magnets and metal	U.S. flag: stars = states, stripes = original colonies	Handwashing 20-second timer
05	wh=/wh/; ck after short vowel	Add within 20 (count on)	Plant life cycle	Calendar history: months, seasons, and remembered days	Dress for weather alone
06	Beginning st- sp-	Add within 20: make 10, then add the rest	Seeds we eat	Find our state; name the capital if we know it	Pour & measure 1 cup water
07	l-blends bl cl fl	Doubles to 20: 6+6, 7+7, 8+8, 9+9, 10+10	Animal needs	Seven continents and four oceans — point on a map	Water a plant on schedule
08	r-blends; mixed blend review	Near-doubles (7+8)	Parents and offspring	Native peoples of this land: first, not a costume	Sort laundry lights/darks
09	nd, nt, mp, st endings	Subtract within 10 fluency	Push, pull, motion	George Washington: commander, then first president (1789)	Set table for 2
10	Decodable phrases; scooping	Subtract within 20	Sound is vibration	Abraham Lincoln: 16th president; Civil War; 13th Amendment (1865)	Feed pet / water plant
11	Capital + period; 5-word sentences	Related facts (+/–)	Light and shadow	Benjamin Franklin: printer, inventor, diplomat — checkable jobs	Say full address aloud
12	Mixed digraphs + blends check	Mixed +/- within 20 check	Day sky vs night sky	Needs vs wants; goods vs services	Chore chart 3 jobs
13	cap→cape; a_e=	Tens & ones with sticks	Soil and rocks	Then vs now: light, heat, and water in a home	Fold washcloths
14	bike like time hide	Build teens & twenties	Water in three forms	Local history: how our town got a name (or a nearby town)	Count pennies to 20¢
15	home bone nose rope	Compare 2-digit numbers	Seasons and the sun	Independence Day = July 4, 1776 — Declaration, not fireworks first	Thank-you sentence written
16	cute mule these (light)	Place value: 47=4 tens 7 ones	Human body: bones	The Constitution is the rule book of the U.S. government (1787)	Save 10 pennies goal jar
17	Contrast hop/hope; sorting	+10 / –10 mental	Human body: heart as a pump	Three branches intro: make laws, carry out, decide cases	Make simple sandwich
18	CVC+digraph+CVCe battery	Place value & +/-20 battery	Science notebook midyear	Midyear: map + Washington/Lincoln + flag battery	Independence checklist
19	Dictate CVCe sentences	Time to hour	Habitats nearby	Landforms: mountain, river, plain, coast	Read analog clock hour
20	Read time words in text	Time to half-hour	Insects as living things	Rural, suburban, urban — how people settle	Brush teeth checklist
21	ar=/ar/ car farm dark	Coin ID: ¢ values	Reduce, reuse, recycle	Transportation history: river, rail, highway	Count mixed coins to 50¢
22	or=/or/ for corn short	Count on by 5s/10s coins	Sun safety	Communication history: letter, telegraph idea, telephone	Write grocery 3-item list
23	60–80 cwpw stretch on decodable	Money to \$1 (mixed)	Simple machines: ramp	Holidays as history: Thanksgiving 1621 harvest meeting (not a cartoon)	Pay with exact change play

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24	I like ____ because ____	Word problems +/-20	Simple machines: lever	Martin Luther King Jr.: a real person, a real speech, a real law change	Earn a chore token
25	napkin, basket (2 closed)	Measure in inches (ruler)	Mixing vs dissolving	Citizenship: being a fair neighbor and telling the truth	Measure a bookshelf
26	sunset backpack himself	Nonstandard→standard measure	Air takes up space	Money: coins and dollars as a civic tool	Catch & release gently
27	Oral retell → 3 sentences	Graph: tally favorite fruit	Patterns in nature	Schools and libraries as public goods	Sort recycling bin
28	First/next/last writing	Fair shares (halves)	Engineering: paper airplane test	Our state's outline and one famous place	No-cook snack with parent
29	Clap syllables; closed+closed	Mixed word problems	Data: tally a weather week	A primary source can be a photo, a letter, or a flag itself	Plan route room→door
30	8-minute repeated reading	Review place value games	The moon's shape this week	Compare two maps: then and now of the same place	Hold door / excuse me
31	Tell 3 facts from a book	Fluency +/- within 20	Plants toward light	Jobs that keep a town running (water, trash, roads)	Help cook one step
32	Content vocab in sentences	Data: pictograph read	Animals in winter	Review: presidents, dates 1776 / 1787 / 1865	30-min outdoor move
33	Reader's theater 2-person	Timed +/- gentle check	Review: living systems	Biography: one American I can prove with two facts	Teach sibling a digraph
34	5-sentence story + drawing	Shape attributes review	Design challenge: keep ice longer	Family immigration or long-time-here story (facts only)	Mail a thank-you card
35	Full phonics + HF battery	Math battery: PV, +/-20, time, \$	Nature journal	History walk: old building, new building, one question	Full independence morning
36	Child teaches a lesson	Math games night	Grade 1 science portfolio	Grade 1 history portfolio: maps, flag, two biographies	Life Skills Fair: 3 demos

Grade 2

Wk	English	Math	Science	History	Life Ready
01	ai/ay = /■/	Add within 100 (no regroup)	Habitats and shelter	U.S. map regions: Northeast, South, Midwest, West	3-step morning list
02	ea/ee = /■/	Add with regrouping	Food chains (simple)	Map scale and a compass rose — tools, not decoration	Own a chore chart
03	oa/ow = /■/	Subtract within 100	Push and pull forces	Native nations of our region: name, place, one true fact	Kitchen measuring
04	oo (/ü/ vs /u■/)	Subtract with regrouping	Friction	Why people settle near water — geography as a cause	Save 10 coins
05	Mixed vowel teams	Two-step +/– stories	Water cycle intro	Colonial life: work, food, and distance (not a theme park)	Plan a walking route
06	ar/or	Money to \$5	Clouds and rain	Thirteen colonies on the Atlantic — a map fact	\$5 shopping list
07	er/ir/ur	Tally & bar graph	Rocks and soil	Taxes and representation: why colonists argued with Britain	Compare two prices
08	Suffix -ing	Equal groups	Erosion in a pan	Lexington 1775, Declaration 1776, Yorktown 1781 — order	Name tools safely
09	Suffix -ed (3 sounds)	Arrays	Healthy body: food groups	Patriots and Loyalists — Americans disagreed	Exercise log 10 min
10	Soft c / g	Skip-count 2,5,10	Sleep and exercise data	The Constitution (1787) and why a country needs written rules	Sort rocks
11	Compound words	× facts 2s,5s,10s	Magnets: poles	Bill of Rights: speech, religion, a fair trial — in kid words that stay true	Help in garden
12	Closed syllables	× facts 0–5 with arrays you can point to	Sound travel	Washington's precedents: two terms, Mr. President, peaceful transfer	Pack a lunch
13	Fluency expression	× facts 6–9 with skip-count	Light reflection	Lewis and Clark (1804–1806) — a journey with maps and journals	Sleep routine card
14	Topic sentence + 3 details	Division as unknown factor	States of matter	Westward movement: settlers and Native nations both real	Observation log
15	Main idea in nonfiction	Fact families ×÷	Heating and cooling	The Civil War (1861–1865): Union, Confederacy, slavery, and the 13th Amendment	Dress for weather
16	Opinion paragraph	Two-step problems	Plant parts as system	Immigrants: people who moved here — reasons you can name	Family rules poster
17	How-to writing	Halves/thirds/fourths	Seed dispersal	Inventors with dates: Whitney, Morse, Edison — one fact each	Cook with measuring
18	Assessment passages: show what the page actually said	Math battery: add/subtract within 100	Midyear investigation	Midyear: map regions + 1776/1787/1861 battery	Independence day
19	Context clues	More fraction shares	Earth's resources	State symbols and why a state has a constitution too	Plan a trip
20	Character traits	Measure cm/in	Reduce waste at home	Local government: mayor, council, county — who fixes a road	Thank-you letter

Wk	English	Math	Science	History	Life Ready
21	Compare two picture books: same job, different pictures	Elapsed time on an analog clock (hours and half-hours)	Life cycles: butterfly or frog	Goods, services, producers, consumers	Flag facts card
22	Research mini notes	Spiral review: place value + money	Fossils as clues	Then vs now: farms, factories, and stores	Museum manners
23	Vowel team spelling tests	Money word problems	Weather vs climate (gentle)	A biography: Sacagawea, Douglass, or Barton — two checkable facts	Interview an adult
24	Oral presentation	Graph project	Engineering: boat that holds pennies	Primary vs secondary: a letter vs a textbook page	Clean a shared space
25	Formal thank-you letter	Shape attributes	Measure with a ruler	Monuments remember; they are not the whole story	Mail/stamp letter
26	Dialogue fluency	Perimeter intro	Graph your data	Our state's path to statehood (year if known)	Practice lines
27	Poetry for ears: rhyme and beat (not a hidden slogan)	Area with arrays	Properties: hard/soft/flexible	Rivers of the U.S.: Mississippi as a highway of trade	Perform a poem
28	Book project	Math fluency games	Engineering: stronger bridge	The National Anthem's first line and the 1814 story (Fort McHenry)	Teach a peer
29	Ads vs stories: who is trying to sell you?	Problem-solving mix	The sun as energy	Citizenship duties: laws, truth, and taking turns in public	Talk news with parent
30	Reading stamina: reread a short page for smoothness	Multi-step stories	Moon and tides (intro)	Current event: one fact from news, one question still open	Outdoor move 20 min
31	Grammar: subjects/predicates	Measurement problems	Land vs water on Earth	Compare two regions: climate, work, and settlement	Volunteer idea list
32	Edit/revise	Math choice board	Pollinators	Timeline of the year: colonies → Revolution → Constitution → Civil War	Photo journal
33	Debate light	Mixed operations	Review: matter and motion	Oral history: interview an older person (two facts, one date)	Argue kindly practice
34	Author craft: what the pictures and words do together	Data analysis	Design: water filter (sand/cotton)	History fair mini: one person, one map, one source	Hero traits list
35	Full literacy battery	Full math battery	Science talk: CER	Review: geography causes + civic rule books	Life skills checklist
36	Student-taught lesson	Math carnival games	Grade 2 science portfolio	Grade 2 history portfolio: region map + three dated events	Life Skills Fair

Grade 3

Wk	English	Math	Science	History	Life Ready
01	Prefixes un-/re-	× as equal groups	Forces: balanced and unbalanced	Map skills: title, key, scale, compass rose	Set a learning goal
02	Prefixes dis-/pre-	× facts 0–5 as equal groups (speed + story)	Motion graphs (qualitative)	Latitude and longitude as an address on Earth	Organize desk/space
03	Suffix -ful/-less	× facts 6–9, then a word problem	Magnets and compass	Continents, oceans, and hemispheres	Save energy at home
04	Informational text features	Division intro	Static electricity (safe)	River-valley idea: surplus grain → specialists → a state	Outlet safety rules
05	Main idea + details	÷ within 100	Circuits: bulb on/off	Mesopotamia: Tigris–Euphrates, writing (cuneiform), cities	Ask before tools
06	Opinion writing structure	Area concepts	Conductors vs insulators	Egypt: Nile flood, pharaoh, pyramids as tombs — not aliens	Garden plan
07	Text evidence	Perimeter	Plant adaptations	Indus and Yellow River glimpses — four valleys, not one 'ancient times'	Nature walk notes
08	Grammar S/P	Unit fractions	Animal adaptations	Hammurabi's Code: written law, not a mood	Collection log
09	Research notes	Fractions on number line	Fossils and environments	Ancient Greece: many city-states; Athens ≠ the whole	Label specimens
10	Paragraph unity	Equivalent fractions	Earth materials	Athens and Sparta: different constitutions (age-right)	Conserve water
11	Narrative leads	Compare fractions: same numerator or same denominator	Weathering	Ancient Rome: republic, then empire — sequence matters	Forecast watch
12	Dialogue punctuation	Elapsed time: hours and minutes on a number line	Scientific method steps	U.S. regions and resources: why people live where they live	Pack for trip
13	Summarizing	Scaled graphs	Variables in a test	Three branches of U.S. government with one job each	Hygiene habits
14	Cause/effect	Multi-step ops	Measurement and units	How a bill becomes a law (simple, true path)	Sports physics talk
15	Compare/contrast	Area/perimeter mix	Life cycles compared	Local government vs state vs federal — who does what	Rube Goldberg sketch
16	Persuasive letter	Word problems: extra information you should ignore	Ecosystems intro	Taxes pay for shared things (roads, schools, fire) — a fact	Practice letter to leader
17	Reading stamina: a longer page without guessing	Fluency facts	Inherited vs learned	Goods, services, markets — a lemonade stand with honest numbers	Region poster
18	Reading check: prove it with a sentence from the page	Math battery: multiplication and time mix	Midyear lab notebook	Midyear: world map + U.S. branches + one ancient valley	Independence day plan (3rd grade)
19	Poetry devices	Fraction review: same whole, different pieces	Water as a resource	Explorers as people with sponsors, maps, and consequences	Perform poem
20	Biography notes	Measurement: grams, liters, and a label	Climate vs weather	Native nations before 1492 — civilizations, not empty land	Interview adult
21	Theme + evidence	Geometry	Stars vs planets	Colonial regions: New England, Middle, Southern — work and climate	Design a flag

Wk	English	Math	Science	History	Life Ready
22	Research outline	Decimals & money	The solar system scale	Declaration of Independence (1776): argument, not a constitution	Budget \$10
23	Research draft	Money problems	Engineering notebook	U.S. Constitution (1787): Preamble jobs in plain English	Receipt math
24	Presentation: teach one fact with a poster	Data project	Change one variable	Bill of Rights: five freedoms in the First Amendment (named)	Tour-guide voice
25	Media literacy: ads, photos, and 'too perfect' claims	Problem solving: draw, then compute	Data tables	Westward trails: Oregon, Santa Fe — distance and risk	Atlas scavenger
26	Critical reading	Mixed review	Bar graphs from data	Immigration to cities: push and pull reasons	Stargaze journal
27	Drama fluency	Elapsed time across noon and midnight	Human body systems overview	Inventors and infrastructure: cotton gin, steamboat, railroad	Shadow experiment
28	Poetry writing: one image + one exact noun	Line plots: lengths to the nearest half-inch	Nutrition as chemistry of food	Primary sources: a diary line vs a summary	Display poems
29	Debate	Multi-step: two operations with a remainder leftover	Sound waves (model)	Our state's history in four dated facts	Family rules review
30	Author craft: word choice you can point to	Math games: fact families you can still explain	Light and color	Citizenship: rights and duties that can be listed	Fitness plan
31	Editing CUPS	Error analysis: the usual $\times$ skip	Engineering: alarm or switch	A biography with evidence: two facts, one date, one place	Lab safety
32	Book clubs	Choice board	Reduce energy at home	Cause and effect in history (not 'because they were good')	Service idea
33	Speeches: say it so a room can hear	Fluency	Review: energy and matter	History fair: map + timeline + one document excerpt	Audience skills
34	Portfolio revise	Spiral review: fractions, time, and $\times$	Design challenge with constraint	Review: geography $\rightarrow$ government $\rightarrow$ a dated U.S. event	Captions
35	Skills battery: a clean paragraph + the usual mistake	Math battery: $+$ $-$ $\times$ and elapsed time	CER defense	Oral defense: teach a river civilization and a U.S. branch	Life battery
36	Teach + exhibit	Math fair	Grade 3 science portfolio	Grade 3 history portfolio: maps, branches, two documents	Life Fair

Grade 4

Wk	English	Math	Science	History	Life Ready
01	Nonfiction structure	Place value → 1,000,000	Energy can transfer	World map literacy: continents, oceans, latitude belts	Use a planner
02	Objective summary	Multi-digit +/–	Speed and collision	Age of Exploration: ships, winds, and sponsors (facts, not glory slogans)	Time zones talk
03	Academic vocab	Multi-digit ×	Waves: amplitude and wavelength	Columbian Exchange: plants, animals, disease — a biological fact	Research explorer
04	Theme essays	× strategies	Sound as a wave	Native nations of North America: regions and lifeways (survey)	Timeline cards
05	Point of view	Long division intro	Light: reflection and mirrors	Spain, France, England: overlapping claims on a map	Chore economy
06	Opinion essay I	Division practice	Earth's features from maps	Thirteen colonies: geography and economies	Primary quote
07	Opinion essay II	Factors/multiples	Rock cycle	Colonial daily life: labor, family, distance from London	Battle map light
08	Informative essay	Fractions +/– like dens	Volcanoes and earthquakes (facts)	French and Indian War (Seven Years' War) — debt and new taxes follow	Kid-word rewrite
09	Two-column notes	Mixed numbers	Renewable vs nonrenewable	Stamp Act to Boston Tea Party — a sequence of disputes	Define 8 words
10	Citations light	Compare fractions: benchmark to 1/2 and 1	Ecosystems and energy flow	Lexington and Concord (1775) — fighting before independence is declared	Diagram branches
11	Narrative craft	Decimals intro	Producers and consumers	Declaration of Independence (1776): philosophy paragraph vs grievances	Biography
12	Dialogue	Decimal +/– money	Weathering and erosion	Revolutionary War: Trenton, Saratoga, Yorktown, French alliance	State symbols
13	Research mini	Measurement conversions	The water cycle in depth	Loyalists and Patriots; the war split families	Invention pitch
14	Speeches 3 min	Angles	Human impact on land	Articles of Confederation: what a weak Congress could not do	Photo angles
15	Poetry analysis	Symmetry	Senses and the nervous system (intro)	Constitutional Convention (1787): federal republic, not a king	Tessellation
16	Compare documents	Line plots: fractions of a unit, then a question the plot can answer	The heart and exercise data	Ratification fight: Federalists and Anti-Federalists	Migration map
17	Argument writing: reason + example in a paragraph	Multi-step mix	Digestive system overview	Bill of Rights (1791): amendments 1–10 as written limits	Unit price
18	Reading check: main idea vs a pretty detail	Assess: fractions, decimals, and a written why	4th-grade midyear investigation	Midyear: 1763–1791 document and timeline battery	Goals reset
19	Literary analysis: what a character wants	Fraction review: mixed numbers vs improper	Electric circuits	Washington's presidency: precedents you can name	Hero essay
20	Drama: read a scene with two voices	Coordinate grid	Magnets and motors (demo)	Adams, Jefferson, and the peaceful transfer of 1800	Stage presence

Wk	English	Math	Science	History	Life Ready
21	Research paper I	Volume intro	Information transfer (code/pattern)	Louisiana Purchase (1803): land, power, and Native nations already there	Factory notes
22	Research paper II	Volume problems	Earth, moon, sun patterns	Lewis and Clark journals as primary sources	Family origin talk
23	Presentation deck	Decimal ×	Stars and apparent brightness	War of 1812: causes and Fort McHenry (1814)	Explain a device
24	Media literacy: who made this and why	Data interpretation	Engineering: insulated cup	Our state's statehood story (year, enabling act idea)	Spot opinion
25	Debate club	Spiral math	Fair tests	Three branches with checks — a diagram you can defend	Rights scenarios
26	Book/project	Problem solving: estimate, then solve	Models vs the real thing	Federal vs state: coin money vs a local speed limit	Travel brochure
27	Poetry writing: a stanza with a turn	Geometry art: angles and symmetry you can measure	Natural resources locally	Westward movement and Indian removal as documented policy (age-right)	Recital
28	Historical fiction	Mixed ops	Pollution and solutions	Immigration and cities in the 1800s	Fact/fiction chart
29	Journalism: a news paragraph with two facts	Graphs: a scaled bar graph with a true title	Plant structures as tools	Reformers: abolition and women's rights as real campaigns	Interview
30	Editing bootcamp	Error analysis: the usual decimal-place skip	Animal structures as tools	Primary-source week: one colonial letter, one founding excerpt	Science write-up
31	Socratic talk	Math games: equivalent fractions under a timer	Engineering: earthquake-safe tower	Economics of a colony: export staple vs subsistence	Family council
32	Multimedia	Spiral: fractions on a number line + decimals	Climate and human choices	Civics: how to read a ballot question (local example or model)	Curate
33	Rhetoric light	Word problems: two operations, one story	Review: energy systems	History fair: colony → Revolution → Constitution with sources	Analyze speech
34	Portfolio	Placement review	Design with a materials budget	Review: causes of independence vs the later Constitution	4th-grade photo captions
35	Skills battery: grammar, a paragraph, name the author	Math battery: fractions and decimals together	CER lab report	Oral defense: Declaration is not the Constitution	4th-grade Life battery (sleep + fuel)
36	Teach a seminar	Math exhibition	Grade 4 science portfolio	Grade 4 history portfolio: annotated timeline 1492–1814	4th-grade Life Fair booth

Grade 5

Wk	English	Math	Science	History	Life Ready
01	Evidence & citation	Decimal place value	Matter is made of particles	Early 1800s United States: map of states and territories	Weekly planner
02	Research questions	Decimal operations	Weight vs volume	Market revolution: canals, cotton, and factories	Source quality
03	Argument writing: a claim a skeptic could disagree with	Fraction $\times$	Kitchen chemistry: dissolve	Andrew Jackson and Indian Removal Act (1830) — the text and the Trail	Budget sheet
04	Counterarguments	Fraction $\div$	Mixtures and solutions	Texas, Oregon, Mexican-American War — dates and maps, not slogans	Debate manners
05	Narrative pacing	Volume	Chemical vs physical change	California Gold Rush (1848–49): migration and Native/Mexican Californians	Primary diary
06	Literary analysis: prove a character trait from a line	Coordinate plane	Conservation of mass (closed bag)	Slavery as law and labor: Constitution's compromises and the cotton economy	Letter from past
07	Research report I	Expressions	Gravity	Abolitionists: Douglass, Garrison, Tubman — documents, not mascots	Interview elder
08	Research report II	Order of operations	The solar system	Women's rights: Seneca Falls (1848) Declaration of Sentiments excerpt	Invention analysis
09	Revision	Patterns/algebra think	Earth's place among planets	Sectionalism: tariffs, territories, and the fugitive-slave crisis	Family story
10	Speeches: who is talking, and what they want you to do	Geometry review	Stars and galaxies (survey)	Compromise of 1850 and Kansas–Nebraska — why 'balance' failed	Audience reading
11	Media literacy: headlines vs evidence	Data sets	Weather systems	Lincoln's election (1860) and secession — chronology	Fact-check drill
12	Journalism: who / what / when + a named source	Graphs: a line plot of measurements, then a claim	Water cycle energy	Civil War (1861–1865): Union, Confederacy, major turning points	Family paper
13	Poetry: speaker, image, and a turn	Measurement: converting customary units you'll actually meet	Food webs	Emancipation as a war measure, then the 13th Amendment (1865)	5th-grade recital program
14	Drama: stage directions are instructions	Mixed fluency	Decomposers	Gettysburg Address (1863): what it actually argues	Perform
15	Compare texts: two articles, one claim each	Multi-step: parentheses and a unit check	Earth's spheres (geo/hydro/atmo/bio)	Home front: women, industry, and dissent	Country brief
16	Info structure	Problem solving: a skeptic checks your units	Human impact: watershed	Reconstruction: 13th, 14th, 15th Amendments — the words	Mock store
17	Financial literacy	Simple interest	Engineering design process	Backlash: Black Codes, violence, and the end of Reconstruction (1877)	Wage $\times$ hours
18	Reading check: argument vs summary	Assess: volume, decimals, and a multi-step why	Midyear kitchen-to-design	Midyear: 1830–1877 documents battery	Goals
19	Rhetoric	Spiral: volume and a coordinate pair	Useful vs harmful microbes (facts)	Industrial United States: rail, steel, oil — facts of scale	Annotate
20	Socratic seminar	Math projects	The respiratory system	Immigration 1880–1920: who came, where they lived, nativism as a fact	Council
21	Lab reports	Volume/graphs	Photosynthesis as a story	Labor and cities: hours, tenements, and reformers	Safety contract

Wk	English	Math	Science	History	Life Ready
22	Engineering design	Precision measure	Ecosystem disruption	Populists and Progressives: what they wanted in writing	Prototype
23	History analysis	Data	Data: line graph	Spanish-American War (1898) and overseas power	Age-appropriate labor facts
24	Global geography	Scale/maps	Variables: independent vs dependent	World War I and the U.S. (1917–1918): reasons Congress declared war	Trade sim
25	Civics deep	Word problems: write the equation first	Models of matter	1920s: cars, radio, and the 19th Amendment (1920)	Scenario court
26	Book club	Choice math	New substances from reactions	Great Depression: unemployment as a number, New Deal as programs	Lead discussion
27	Creative writing	Patterns	Engineering: keep a drink cold	World War II U.S. (1941–1945): Pearl Harbor, two theaters, home front	Peer critique
28	Poetry anthology	Geometry art: volume of a rectangular prism you build	Earth's orbit and seasons	Japanese American incarceration: Executive Order 9066 as a document	Release night
29	Documentary notes	Stats light	Moon phases with a model	United Nations (1945) and a bipolar Cold War preview	Source trio
30	Debate tournament	Logic problems	Climate patterns	Civil Rights movement documents: Brown (1954), March on Washington (1963)	Moderate
31	Reflective writing	Budgets	Natural hazards prep	Citizenship: how a bill, a court case, and an amendment differ	Skills resume
32	Capstone research I	Algebra readiness	Capstone: ask, build, improve	Local civics: school board, city council, a real agenda item	Mentor check
33	Capstone research II	Placement prep	Review: matter and space	Primary anthology: five U.S. documents from this year's stack	Citations
34	Presentation: three pieces of evidence, not a costume	Math review	Public demo of a prototype	Thematic essay: expansion, slavery, and union	Public speak
35	Skills battery: name the author + a short argument	Math battery: volume, decimals, and a multi-step	Lab notebook polish	Oral defense: Reconstruction amendments in your own words	5th-grade Life battery (sleep + screens)
36	Portfolio + goals	Bridge math	Grade 5 science portfolio	Grade 5 history portfolio: 1800–1965 timeline with sources	Life Fair + roadmap

Grade 6

Wk	English	Math	Science	History	Life Ready
01	Annotation system: claim, evidence, question; myth cold open	Ratios as comparisons; tape diagrams (CPA)	Cells are the unit of life	How we know the deep past: archaeology, writing, and what we cannot know	Weekly planner + phone/device boundaries
02	Annotation fluency; Pandora (or a parallel world myth); oral retell	Equivalent ratios; ratio tables	Microscope intro (or print images)	Why river valleys: flood, silt, surplus, specialists	Device boundaries week-2 audit; screen-time log honesty
03	Informational paragraph: topic sentence plus evidence from the myth	Unit rates; mph / price per item	Plant vs animal cells	Mesopotamia: city-states, cuneiform, ziggurats, Hammurabi excerpt	Peer conflict repair script (I noticed / I felt / I need)
04	Theme paragraph; myth unit close; quote sandwich for middle school	Mixed ratio/rate word problems; error analysis	Body systems as teams	Egypt: Nile, divine kingship, Old Kingdom tombs, hieroglyphs	Planner ownership mid-unit review; sleep as a study tool
05	Folktale structure; theme vs moral; Anansi or Grimm	Equivalent ratios; scaling recipes	Digestive system	Indus Valley: planned cities, undeciphered script — honest limits	Peer repair practice with real home conflict (coached)
06	Theme essay outline (claim + 3 evidence beats from folktale)	Percent intro; 10%, 25%, 50% mental math; percent of a number	Circulatory system	Early China: Yellow River, Shang, Mandate of Heaven idea	Digital kindness: comment audit (what would you post?)
07	Draft theme essay; peer (parent) feedback on evidence strength	Percent word problems; tax/tip lite; sale discounts	Respiratory system	Compare four valleys: geography as cause, not a cartoon	Peer repair: apology that names the harm (not “sorry you feel that way”)
08	Revise & publish theme essay (1.5–2 pages); teach-back of thesis	Mixed ratios + percent mastery set	Weather vs climate	Ancient Israel: a people, a law tradition, and empire neighbors	Friendship: notice who needs a seat — invite them in
09	Text features; summary vs paraphrase; climate article	Algebraic expressions intro; variables as unknowns	Water cycle and energy	Persian Empire: roads, satraps, and a multi-ethnic state	Money journal: track 7 days of spending/allowance
10	Paraphrase drills; plagiarism ethics (teen-level)	Evaluate expressions; order of operations review	Air masses and fronts	Classical Greece: polis, citizen, exclusion (women, slaves, metics)	Money journal patterns: needs vs wants
11	Summary of multi-paragraph informational text; main idea ladder	Write expressions from words; translate stories → symbols	Climate graphs	Persian Wars and the Peloponnesian War — military facts with politics	Savings goal: pick one item; calculate weeks to earn
12	Informational → short explanatory paragraph with cited paraphrase	Mixed expression practice; error analysis of common mistakes	Energy forms	Athens vs Sparta: constitutions, not mascots	Money journal week review + one spending rule
13	Novel 1 launch: The Giver, Hatchet, or A Wrinkle in Time	One-step equations; balance metaphor (CPA)	Potential and kinetic	Greek thought: Socrates' method; Plato and Aristotle as later flowering	Service mini-project brainstorm (2 hours total across weeks 13–16)
14	Character analysis paragraph; dialogue as evidence	Solve one-step (+/–); check by substitution	Forces and nets	Alexander and Hellenistic mix — don't mash centuries	Service: define audience + need; schedule
15	Novel mid: conflict types; plot map	One-step (×/÷); word problems → equations	Simple machines as force traders	Roman Republic: consuls, senate, assemblies, Twelve Tables idea	Service hours mid-check; reflection 5 sentences
16	Novel 1 finish; character analysis essay (2 pages)	Mixed one-step equations mastery	Engineering: Rube-lite constraint	Roman expansion and the strain of inequality	Service mini-project teach-back (what changed for someone else?)
17	Figurative language; Frost, The Road Not Taken	Area of rectangles/triangles review; composite figures	CER writing in science	Caesar 44 B.C.; Augustus and the principate — republic then empire	Presentation skills: posture, pace, eye contact drill
18	Poetry annotation; write original poem using 2 figurative devices	Surface area of rectangular prisms (nets)	Midyear inquiry	Midyear: river valleys → Rome sequence defense	Presentation: 60-second myth/history talk with one visual
19	Compare two poems' themes; short comparative paragraph	Volume of rectangular prisms; word problems	Earth's layers	Roman law, roads, and army logistics — why it lasted	Presentation: 2-minute Cave allegory teach-back

Wk	English	Math	Science	History	Life Ready
20	Poetry + classical reflection mini-portfolio piece	Mixed area/surface/volume mastery	Plate tectonics intro	Christianity in the Roman world: a historical spread, not a sermon	Present a 3-minute classical-echo talk (democracy, veto, or republic)
21	Argument paragraph structure; counterclaim preview	Statistics intro: mean; data set from home	Minerals vs rocks	Han China snapshot: civil service idea, Silk Road open	Integrity scenario: found money / leaked message — decide + justify
22	Full argument essay outline (school-relevant prompt)	Median & mode; choose best measure of center	The rock cycle (model)	Maurya and Ashoka: edicts as primary sources	Integrity: digital — screenshot ethics / private chats
23	Draft argument essay; integrate one statistic ethically	Range; misleading graphs critique	Astronomy: scale of space	Ghana, then a preview of later West African states	Integrity: academic honesty (AI use policy for this house)
24	Revise & publish argument essay; oral defense 2 min	Statistics mixed mastery (mean/median/mode/range)	Gravity and orbits	Silk Roads and Indian Ocean: goods, ideas, and disease	Integrity week close: one personal integrity goal
25	Research mini: one question plus three named sources	Integers on number line; real-world negatives (debt, temp, elevation)	Waves intro	Maya and Andean civilizations: cities and calendars (survey)	Career curiosity: interview one adult about their work (10 questions)
26	Note-taking: paraphrase vs quote; name the title and the author	Add/subtract integers; chip model or number line	Data tables that don't lie	Fall of the Western Empire (476) as a process, not a movie night	Career interview conduct + thank-you
27	Research outline → short paper draft (1.5–2 pages)	Multiply integers preview; patterns	Engineering design loop	Byzantium continues Rome in the east — sequence	Career: skills inventory (what you're already good at)
28	Revise research mini; oral source defense	Integers mixed preview mastery	Prototype week	Belief systems survey: Confucian, Buddhist, Abrahamic selections (facts)	Career curiosity reflection: three paths to explore in G7
29	Novel 2 launch (a different book); track one theme	Mixed fluency: ratios, equations, expressions spiral	Improve from test data	Maps of Afro-Eurasia in 200 C.E. vs 700 C.E.	Leadership at home: own one recurring responsibility
30	Novel mid: compare themes to Novel 1	Word problems mixed; bar models for multi-step	Human impact case	What 'civilization' does and does not mean — avoid ranking peoples	Leadership: give feedback kindly to a sibling/partner task
31	Novel finish; comparative theme essay outline	Spiral fluency timed set + error analysis	Cells review	Document skills: authorship, date, audience, purpose	Leadership: plan a family activity end-to-end
32	Publish comparative theme essay (novels + optional history echo)	Mixed mastery gate practice	Systems review	DBQ practice: two valley laws compared	Leadership teach-back: what you learned owning a role
33	Select 5 best pieces; write growth reflection (1 page)	Pre-algebra bridge: properties of operations; why they matter	Capstone inquiry question	Timeline construction: 3500 B.C.E. → 500 C.E.	Goals for Grade 7: academic + character
34	Socratic seminar prep notes; annotate for discussion	Simplify expressions; distribute; combine like terms lite	Test the question	Oral defense: one valley, one classical constitution	Grade 7 goals refine; share with coach
35	Socratic defense rehearsal; portfolio oral walkthrough	Pre-algebra mixed bridge set	Defend with CER	Map polish: rivers, seas, and empire outlines	Independence inventory: what can you run without nagging?
36	Portfolio + Socratic defense (20–25 min family panel)	Pre-algebra bridge mastery gate	Grade 6 science portfolio	World History I (ancient) credit evidence summary	Seal Grade 7 goals; summer optional reading list

Grade 7

Wk	English	Math	Science	History	Life Ready
01	Argument claim plus evidence; Beowulf public-domain cold open	Integers refresh; absolute value; rationals on number line	Ecosystems and biotic/abiotic	Medieval Europe: manor, lord, serf, and the Church as an institution	Budgeting open: income vs expense categories
02	Argument: should humans “manage” ecosystems? (evidence from walk)	Proportional relationships; tables & graphs	Matter cycles (carbon lite)	Charlemagne and successor kingdoms — a map, not a fairy tale	Budget: track one week of real or simulated teen budget
03	Informational text on feudalism; paraphrase + vocab	Unit rate → constant of proportionality	Energy pyramids	Castles and warfare as social control plus engineering	Media literacy: spot opinion words in a news blurb
04	Short argument: chivalry — moral code or PR for knights?	Scale drawings; map scale problems	Population change	Magna Carta (1215): a barons' document, later a liberty text	Budget midweek: adjust one category after data
05	Ethos, pathos, logos in a medieval text	Percent increase/decrease; markup/markdown	Earth systems interact	Islamic Golden Age: Baghdad, Cordoba, algebra, hospitals, translated texts	Volunteer service: identify 1 local need
06	Research question seed for medieval/world module	Two-step equations; balance & inverse operations	Weathering, erosion, deposition	West African states: Ghana, Mali, Songhai; gold-salt trade	Volunteer first hour + reflection
07	Informational plus primary: House of Wisdom excerpt	Solve equations with rationals; check solutions	The rock record	Mansa Musa and Timbuktu as a learning center — accounts, not memes	Media literacy: lateral reading — open 2 tabs to verify one claim
08	Comparative paragraph: medieval Europe ↔ West African kingdom governance	Proportional equations; cross-multiply with understanding (not magic)	Geologic time (order, not dates cram)	Tang and Song China: print, compass, commercial revolution	Budget month mini-review
09	Argument essay: human role in an ecosystem or a medieval claim	Proportional reasoning mastery gate	Waves: mechanical	Mongol expansion: violence, trade security, and connected Eurasia	Volunteer hour 2 + impact note
10	Research mini open: Earth science OR medieval technology question	Inequalities intro; graph on number line	Waves: light	Medieval Japan: shogunate vs emperor — a dual structure	Media literacy: science headlines vs paper abstracts (parent helps)
11	Note-taking for research; source credibility checklist	Multi-step equations; variables both sides preview	Spectrum and color	Crusades as armed contact: multiple motives, multiple outcomes	Digital habits: notification audit
12	Primary-source close read: Marco Polo travel excerpt	Equations mastery practice set	Thermal energy	Indian Ocean world: monsoon winds as a cause of trade	Civics habit: chart this year's world-history survey, then add one source
13	Research outline; thesis candidate	Variables on both sides; identity vs no solution intro	Particle model of heat	Plague (14th c.): demography as history	Budget: saving rate goal %
14	Draft research mini-paper (2–3 pages) with 3+ sources	Equation word problems from science/history contexts	Density	Ottoman, Safavid, Mughal snapshots + map	Volunteer or civic micro-action (letter, cleanup, tutoring)
15	Revision workshop: claim clarity, quote integration, counterclaim	Spiral: proportions + equations mixed	Buoyancy	Renaissance humanism: texts and patrons, not 'the dark ages ended'	Integrity: cite even when rushed
16	Publish research mini; 3-minute source defense	Inequalities word problems; compound inequality preview	Chemical reactions intro	Reformation: Luther's 95 Theses (1517) as a document event	Media literacy: deepfake / AI image awareness (age-appropriate)
17	Speech craft: hook, claim, 3 points, close	Probability intro; sample space; simple experiments	Conservation of mass	Printing press: why ideas moved faster — a technology fact	Presentation anxiety tools (breath, practice, notes card)
18	Deliver 2–3 min speech; peer rubric	Probability + equations midyear mastery mix	Midyear lab practical	Midyear: 600–1600 timeline and map battery	Budget + service midyear reflection
19	Debate format intro; constructive vs rebuttal	Compound probability lite; tree diagrams	Cells to organisms	Age of Exploration: Iberian routes, African coasts, Americas	Digital citizenship: comment before you share

Wk	English	Math	Science	History	Life Ready
20	Primary source: Columbus letter or an indigenous encounter account	Expressions mastery: factor/expand lite	Photosynthesis and respiration pair	Columbian Exchange: ecological and human consequences (including death)	Integrity in history: check claims against multiple primary sources
21	Classroom debate on a coach-approved prompt (tech or history)	Linear expressions & patterns toward pre-algebra	Genetics intro: traits	Atlantic slavery: a trade with numbers, ports, and laws	Heart & Hive: disagree without dehumanizing
22	Printing press: did print unite Europe or split it?	Solve complex equations review	Reproduction vs heredity (age-right)	Scientific Revolution: Galileo's conflict as documents, not a cartoon	Media then/now: rumor speed comparison
23	Close read: Galileo letter or Bacon on idols	Pre-algebra: slope as rate preview with tables	Natural selection (evidence, not slogans)	English Civil War and Glorious Revolution (1688): Parliament and a Bill of Rights	Career: STEM vs humanities false binary talk
24	Persuasive speech #2 with one data/probability appeal	Probability mastery gate	Biodiversity	Enlightenment claims: consent, rights, checks — and who was left out	Budget: charitable giving decision framework
25	Shakespeare Sonnet 18 (public domain) — image and volta	Functions intro as input/output; linear patterns	Human impact on climate	Why governments form: rule of law vs rule of persons	High-school preview: reading load honesty
26	Locke or Hobbes: a short excerpt on the state of nature	Linear equations from word → graph preview	Engineering for the environment	U.S. local government: city, county, state roles you can name	Civic virtue: one home “constitution” amendment
27	Process writing: engineering report (CER + constraints)	Pre-algebra mixed set	Models that predict	How a U.S. law is made vs how a court case is decided	Leadership: document roles on the build
28	Portfolio curation begins; growth essay seed	Capstone problem set: proportions, equations, probability, expressions	AI as a pattern-guesser (science ethics)	Primary-source set: Magna Carta line, Luther thesis idea, a slave-trade number	Grade 8 readiness checklist start
29	Student-led seminar on year text cluster (3 sources)	Weak-spot reteach math (personalized)	Probability in genetics (Punnett lite)	Comparative empires chart (Islamic / African / Asian / European)	Heart & Hive: gratitude + friendship map of your week
30	Revise 2 best writing pieces to publish standard	Fluency maintenance set	Seismic waves	Early modern synthesis: 1400–1750 exchange and power	Interview practice: 5 questions for a community adult
31	Expository: “What is algebra for?” one-pager	Bridge: simplify, solve, graph linear preview	The atmosphere	DBQ: two accounts of contact in the Americas	Sleep/exercise as cognitive tools
32	Public speech OR recorded civic talk (3–4 min) on “why government”	Mixed pre-algebra mastery practice	Ocean currents intro	Civics case: a fair rule at home vs a written public law	How a bill becomes a law — awareness, not a voter-registration drive
33	Full portfolio rehearsal with timer	Error analysis clinic on missed mastery items	Review: systems	Year timeline teach-back: medieval → early modern	Goals for Grade 8 draft
34	Final writing polish; citation check	Full pre-algebra mastery sweep	Design with climate constraint	Map defense: trade winds, deserts, and capitals	Life Skills: digital portfolio folder organized
35	Socratic warm defense	Personalized math clinic	CER research mini	Oral: Golden Age contributions without flattening ‘Islam’ into one thing	Gratitude notes to people who helped
36	Portfolio + Socratic defense (family panel)	Pre-algebra capstone mastery gate	Grade 7 science portfolio	Grade 7 history portfolio: documents + maps 600–1750	Seal Grade 8 goals; preview Algebra pathway

Grade 8

Wk	English	Math	Science	History	Life Ready
01	Rhetorical analysis warm-up; Constitution Preamble close read (PD)	Pre-Algebra: like terms and the distributive property	Chemistry of matter: atoms intro	How historians work: chronology, geography, and a cited source	High-school readiness: planner for heavier load
02	Literature-circle roles; London, Twain, or Chopin short story	One-step & two-step equations; justify each step	Elements vs compounds	Indigenous nations and European claims — the land was not empty	Resume of skills: academic + life skills honesty
03	Rhetorical appeals in Federalist No. 10 excerpt (Madison, PD)	Inequalities; graph solutions; compound intro	Periodic table as a map	Colonial America: regions, labor systems, and Atlantic slavery	Interview practice: 60-second "tell me about yourself"
04	Debate warm-up: Constitution-related teen-appropriate prompt	Linear equations in one variable; word → equation → check	Physical vs chemical change	Road to Revolution: imperial reform, taxes, and ideas of rights	Digital portfolio folder for later HS applications
05	Close read: Article I excerpt (enumerated powers sample)	Rewrite formulas; isolate variables	Reactions and energy	War for Independence (1775–1783): military and diplomatic facts	Integrity: academic honesty with AI tools (house policy)
06	Literature-circle meeting 1; family-picked novel or play	Absolute value equations lite; extraneous solutions awareness	Acids and bases (safe household)	Declaration of Independence (1776): philosophy and a bill of charges	Peer leadership in circle: facilitator norms
07	Annotate Amendments 1–5 (PD); paraphrase each in teen plain English	Linear inequalities word problems	Genetics: DNA as a code (model)	State constitutions and the Articles of Confederation — what failed	Civic scenario: rights in school/home analogies (careful, factual)
08	Rhetorical analysis: a modern op-ed vs a founding-era excerpt	Slope from graphs/tables/points; slope formula with meaning	Genes and traits	Philadelphia 1787: a new frame — separation of powers, federalism, republic	Money: simple interest preview for HS finance
09	Literature circle mid; character/power analysis paragraph	Slope-intercept form; graph from equation; write from graph	Mutations as copy changes	Ratification: Federalist and Anti-Federalist arguments in their words	Interview: behavioral question practice
10	Primary: Federalist No. 51 excerpt (ambition counteracting ambition)	Standard form; convert forms of linear equations	Space systems: gravity	Bill of Rights (1791): what the first ten amendments actually say	Team responsibility: federalism analogy in sports/clubs
11	Research with sources: mini on a Constitution clause OR chem topic	Functions vs relations; vertical line test; function notation $f(x)$	Seasons from tilt	Federal vs state powers: Article I §8 and the Tenth Amendment	HS readiness: email etiquette to adults
12	Unit writing: rhetorical paragraph on a founding excerpt	Linear equations/inequalities/functions mastery gate	Moon, tides, eclipses	Washington through Adams: precedents, parties, and 1800	Skills resume v2
13	Literature circle continue; theme tracking	Systems: graphing method; solution as intersection	The scale of the universe	Jefferson, Louisiana (1803), and the contradiction of slavery in a republic	Career cluster inventory
14	Debate: science ethics prompt (genetic testing lite — careful)	Solve systems by substitution & elimination; check	Climate and human impact	Market revolution, democracy of white men, and those excluded	Integrity: privacy of genetic/health info discussion
15	Washington Farewell Address or Adams/Jefferson letters	Systems word problems (mixture, money, motion lite)	Carbon and energy use	Indian Removal as written U.S. policy — documents, not a sports story	Leadership: facilitate a family decision with agenda
16	Research mini: expansion OR invention primary+secondary	Function representations; arithmetic sequences as linear	Engineering: insulated design	Reform: abolition, women's rights, religious revivals — campaigns with texts	Interview practice with feedback rubric
17	Paired sources: settler letter plus indigenous account	Linear inequalities systems (graphical feasible region intro)	Data that argues	Sectional crisis 1840s–1850s: territories, law, and violence	Media literacy: textbook framing detection
18	Lit circle / novel mid assessment essay	Systems + functions midyear mastery	Midyear practical	Midyear: Constitution-to-1860 document battery	HS readiness midyear habits audit
19	Poetry and rhetoric: Lincoln Lyceum speech, then Gettysburg	Exponent rules review; scientific notation bridge	Forces quantitatively	Secession and Civil War (1861–1865): Union, slavery, and turning points	Money: comparing phone plans with linear models

Wk	English	Math	Science	History	Life Ready
20	Rhetorical analysis: Gettysburg Address (PD) — full close read	Add/subtract polynomials; like terms seriously	Newton's laws (qualitative → numbers)	Lincoln documents: First Inaugural, Emancipation, Gettysburg, Second Inaugural	Civic: how local votes connect to national stakes
21	Literature circle final; theme essay draft	Multiply polynomials; area models (CPA)	Pressure	Reconstruction amendments 13, 14, 15 — citizenship and its enemies	Integrity under pressure scenarios
22	Emancipation Proclamation excerpt plus a soldier's letter	Polynomial mastery practice	Waves and information	The Gilded Age: industry, cities, inequality, and party machines	Empathy without anachronism: historical perspective rules
23	Research brief: local climate impact OR energy proposal	Algebra spiral: linear + systems + poly lite	Digital vs analog (intro)	Immigration, nativism, and Jim Crow as legal regimes	Service or advocacy micro-project plan
24	Publish theme / rhetoric piece	Pre-Algebra semester mix (preview of Algebra I)	Fields: magnetic	Progressives and the expanding federal role — statutes you can name	Skills resume v3 + mock interview
25	Debate tournament lite (2 rounds) on coach-approved prompts	Factor GCF; factor trinomials intro where ready	Electric charge	U.S. as a world power: 1898, WWI, and the failed League fight	HS course selection thinking (Algebra II vs other paths later)
26	13th–15th Amendments and Freedmen's voices	Factoring practice + solve by factoring preview	Energy conservation	Depression, New Deal programs, and arguments about them (multi-view)	Civic courage: speaking up in small rooms
27	Research paper (3–4 pages) on history OR science design topic	Quadratic intro: what $y = x^2$ does; vertex idea (not full Algebra I)	Engineering design with data	World War II: strategy, production, and incarceration at home	Time management for multi-week paper
28	Revise research paper; oral defense of sources	Pre-Algebra mixed fluency	Climate in a table	Cold War: containment, Korea, nuclear fact, and domestic fear	Leadership write-up of team/process
29	Literature/rhetoric choice piece polish	Pre-Algebra review: ready for Algebra I next year	Models and uncertainty	Civil Rights movement: legal strategy, nonviolence, and federal power	Sleep as academic performance tool
30	Timed reading + annotation set	Pre-Algebra mixed practice (untimed, then timed)	Human body: immunity intro	1965–1980: Vietnam, rights revolutions, and backlash (survey)	Test anxiety tools
31	Write personal academic statement (1 page) for portfolio	Targeted reteach from error log	Reproduction of cells (mitosis story)	Citizenship beyond a test: how to read a law, a budget, and a ballot	Transcript language preview (parent + student read credit framing)
32	Teach a Grade 6/7 student OR parent a Grade 8 idea (30 min lesson plan)	Pre-Algebra teach-back of one tough skill	Review: matter, life, space	State and local government deep: who taxes, who polices, who schools	Interview: final mock with rubric
33	Curate portfolio: essays, annotations, labs, math defenses	Final algebra weak-spot clinic	Public explanation of a design	Primary anthology: 8 documents from Constitution to Civil Rights	Goals for Grade 9 / Algebra pathway note
34	Final writing standards check	Pre-Algebra mastery sweep (Algebra I is 9th)	Lab notebook as evidence	Thematic essay: liberty and union, 1776–1877, with citations	Digital portfolio organized for HS
35	Full capstone rehearsal with panel questions	Math warm defense problems	Pathway to Biology	Oral defense: Tenth Amendment vs a listed federal power	Gratitude notes; character reflection
36	Portfolio + Socratic/capstone defense (family/community panel)	Pre-Algebra Grade 8 mastery gate	Grade 8 science portfolio	Constitution-to-Civil-Rights document defense (credit evidence)	Middle School Pathway Certificate moment; Grade 9 goals sealed

Grade 9

Wk	English	Math	Science	History	Life Ready
01	Dialectical notebook: Odyssey Book 1 (public-domain excerpt)	Variables, expressions, properties of real numbers	Nature of science + CER; lab safety; observation vs inference	Why study the deep past; river-valley map; Hammurabi excerpt	Time-block system for HS workload
02	Annotation systems: claim / evidence / question / connection marks	Evaluating & simplifying expressions; order of operations with variables	Design a fair test; variables (IV/DV/controls); measurement error	Nile, Tigris-Euphrates, Indus, Yellow: geography → surplus → states	Sleep schedule audit vs workload
03	Composition modes overview; paragraph → essay architecture	Solving one-step & two-step equations; checking by substitution	Microscope alternatives: onion/elodea/yeast OR video micrograph protocol	Writing and law: how texts freeze power (cuneiform → code)	Phone/device boundaries that protect deep work
04	MLA/APA intro; embedding one quotation; Works Cited seed card	Multi-step equations: clear fractions, then word to equation	Finish CER portfolio starter; peer challenge one claim	Compare two early law excerpts — evidence chart	Weekly review ritual + transcript folder setup
05	Odyssey / epic selections: invocation, nostos, xenia	Solving equations with variables on both sides	Cell theory history; prokaryote vs eukaryote	Classical Greece: polis, citizenship, exclusion	Sleep hygiene experiment (one week)
06	Character analysis with textual evidence; foil & hubris	Inequalities intro → graph on number line; compound preview	Organelles as systems; analogy map (cell ↔ city)	Athens / Sparta document contrast	Health: movement + focus protocol
07	Greek tragedy craft; tragic hero; choruses as civic voice	Absolute value equations & inequalities	Membrane transport; osmosis demo (potato/salt or egg)	Roman Republic institutions; checks on power	Career interest inventory open
08	Theme essay draft → revision with embedded quotations	Equation/inequality mixed mastery; error analysis	Photosynthesis overview; light vs dark reactions conceptual	Belief systems survey: Confucian, Buddhist, Abrahamic selections	Sleep/health synthesis + teach-back
09	Tragedy → modern paired text (short story/poem on power)	Linear inequalities in two variables; graph half-planes intro	Cellular respiration; ATP as energy currency metaphor	Persian / Mauryan / Han empire snapshots + map	Career inventory deep dive
10	Argument outline: claim, reasons, evidence, counterclaim, rebuttal	Relations vs functions; function notation f(x)	Respiration lab alternative: yeast CO ₂ or exercise pulse CER	Silk Roads / Indian Ocean trade preview	Digital portfolio site/folder start
11	Sentence craft: periodic vs cumulative; diction levels	Linear functions: slope as rate; slope-intercept form	DNA structure intro; Chargaff / Rosalind Franklin fairness note	Medieval Europe: manor, church, and towns	Interview self: strengths inventory
12	Theme/argument essay polish + oral defense (8–10 min)	Writing linear equations from tables/graphs/stories	Genetics intro: Mendel's ratios; Punnett squares	Islamic Golden Age + African kingdoms module selections	Digital portfolio: upload 3 artifacts
13	Plot architecture; epiphany; unreliable narrator intro	Systems of linear equations: graphing method	Meiosis vs mitosis; chromosomal inheritance	High Middle Ages: Crusades as contact (multi-perspective)	Portfolio annotation standards
14	POV shifts; free indirect discourse lite; rewrite exercise	Systems: substitution method; consistency/inconsistency	DNA → protein central dogma conceptual	Medieval Japan / Mongol world connections	Cold-email / intro message practice
15	Motif tracking chart; paragraph of literary analysis	Systems: elimination method; applications (mixture/money)	Modern genetics: alleles, pedigrees; ethics freeze-frame	Scholasticism and universities; knowledge institutions	Portfolio: literary analysis piece
16	Short fiction craft piece → workshop → final	Systems mastery mixed; introduce inequalities systems lite	Genetics problem set + CER on a heredity claim	Late medieval crises: plague, revolt, and change	Interview practice: 5 behavioral questions
17	Speaker, tone, volta; TPCASTT or equivalent protocol	Exponent rules; scientific notation bridge	Evolution: variation, selection, inheritance — Darwin carefully	Indian Ocean and Sahara trade networks — deep map	Mock interview #1
18	Rhetorical analysis of a speech or essay excerpt	Polynomial vocab; add/subtract polynomials	Evidence for evolution: fossils, homology, DNA (survey)	Trans-Saharan gold/salt; West African states	Mock interview #2 + feedback
19	Meter/imagery/figurative language; poem imitation	Multiply polynomials; special products	Natural selection simulations (bean/toothpick or digital)	Early modern Europe: Renaissance humanism texts	Career site visit OR documentary + reflection
20	Poetry/rhetoric portfolio + Socratic midyear seminar	Polynomial mastery; factoring preview	Evolution unit defense (CER + teach-back)	Ming / Ottoman / Safavid snapshots + map defense	Interview skills synthesis

Wk	English	Math	Science	History	Life Ready
21	Full argument essay: counterclaim + rebuttal required	Factoring trinomials; GCF; difference of squares	Ecology: biotic/abiotic; food webs; energy pyramids	Columbian Exchange: biological and cultural consequences	Money systems: accounts, tracking, needs vs wants
22	Source evaluation CRAAP/SIFT lite; annotated bibliography seed	Factoring mastery; solve by factoring intro	Population ecology; carrying capacity models	Atlantic world and early colonial encounters (multi-region)	Banking basics: checking vs savings
23	Revise argument for audience; rhetorical precision	Quadratic equations intro: what a parabola models	Community ecology; keystone species case study	Scientific Revolution documents (Galileo trial context)	Budget categories for a teen
24	Argument essay final + oral defense	Quadratic formula preview; graphing quadratics from vertex form lite	Ecology field study OR window/yard biodiversity CER	Early modern review map + DBQ practice set	Money systems teach-back
25	Research paper launch: question, scope, search plan	Quadratic applications; projectile / area models	Human impact: carbon, land use, biodiversity loss (factual)	Revolutions prelude: English Civil War / Glorious Revolution ideas	Ethics case: digital honesty
26	Source notes → outline → claim hierarchy	Complete quadratic unit: factor, square root, formula paths	Local environmental audit (home/energy/waste)	Enlightenment salon documents (multi-voice)	Ethics: plagiarism & AI-use policy for self
27	Research draft 1; citation discipline (MLA or APA)	Algebra mixed review: linear → quadratic spiral	Design human-impact mitigation mini-proposal	Atlantic revolutions prelude comparisons	Ethics cases: peer pressure & data privacy
28	Peer review protocol; revise for clarity & evidence density	EOC-style algebra practice set 1	Lab design challenge proposal (testable question)	Document-based essay practice (World History I skills)	Leadership project proposal
29	Socratic seminar series on year texts (prep notes required)	Algebra fluency clinic: error patterns	Run lab design: collect data; begin CER	World History I document review stations	Leadership project execution week 1
30	Research paper revise 2; cut fluff; strengthen warrants	Word problems clinic; modeling with functions	Finish lab CER; graph & uncertainty talk	Timeline construction: river valleys → 1750	Leadership project execution week 2
31	Seminar + research oral checkpoint	Cumulative algebra practice exam (timed lite)	Biology systems review map (cells → ecology)	World History I thematic essays: power, belief, exchange	Leadership evidence log
32	Research near-final; Works Cited perfection	Algebra weak-spot reteach based on practice exam	Biology practice defense questions	DBQ full write under time	Leadership project teach-back
33	English portfolio selection + reflection letters	Algebra EOC-style mastery exam A	Biology defense rehearsal (CER + diagrams)	World History I timeline defense rehearsal	Year transcript packet assembly
34	English portfolio oral defense	Algebra EOC-style mastery exam B / remediation	Biology oral defense	World History I oral timeline/document defense	Transcript annotations & hours log
35	Revision clinic for weakest portfolio piece	Algebra gap clinic	Biology lab notebook audit	World History I map/timeline polish	Adulting preview: summer learning plan
36	Final English 9 portfolio + grade narrative	Algebra I credit evidence summary	Biology credit evidence summary	World History I credit evidence summary	Complete transcript packet + elective proof

Grade 10

Wk	English	Math	Science	History	Life Ready
01	World lit survey launch; reading like a comparatist	Geometry undefined terms; segments, rays; distance	Chemistry lab safety; atomic theory timeline	Revolutions open: 1688–1789 map of ideas	Personal finance: needs/wants + first budget
02	Narrative craft across cultures; frame tales	Angle pairs; parallel lines & transversals	Subatomic particles; isotopes; average atomic mass	American Revolution documents (global frame)	Banking: open/simulate checking register
03	Argument: universal claims vs cultural particulars	Triangle sum; exterior angle; congruence intro	Electron configuration conceptual; periodic table tour	French Revolution phases (factual chronology)	Credit intro: how interest works
04	Comparative paragraph with dual texts	Triangle congruence criteria (SSS/SAS/ASA/AAS) with proofs	Periodic trends: radius, electronegativity conceptual	Haitian Revolution significance (primary-aware)	Credit card APR caution case study
05	Epic/world narrative selections (Ramayana/Sundjata/Journey West notes)	CPCTC; isosceles triangle theorems	Ionic bonding; naming ionic compounds	Industrial Revolution open: energy and labor	Workplace ethics scenarios
06	Satire & irony; Swift / modern parallel (careful selection)	Paragraph proofs; error analysis in student proofs	Covalent bonding; Lewis structures intro	Industrialization: urbanization and reform documents	Email professionalism lab
07	Comparative essay structure; lens thesis	Similar triangles; proportions; indirect measurement	Polar vs nonpolar; intermolecular forces lite	Nationalism and 19th-c revolutions map	Conflict resolution at work/home
08	Rhetorical analysis of a protest speech/essay	Similarity applications; geometric mean	Chemical reactions types; balancing equations	Abolition and reform networks (transatlantic)	Finance: pay stubs & deductions
09	World lit: colonized/colonizer paired short texts	Right triangle trig intro: sine/cosine/tangent	Mole concept; Avogadro; molar mass	Imperialism documents (Berlin Conference context)	Savings goals & emergency fund
10	Sustained argument essay (1200+ words guided)	Trig applications; angles of elevation/depression	Stoichiometry lite: mole ratios	Meiji Japan / Ottoman reform comparisons	Workplace: following vs questioning procedure
11	Research mini: annotated bib (8 sources)	Area of polygons; composite figures	Limiting reactants conceptual; percent yield intro	World War I causes (alliances, militarism, crises — factual)	Insurance intro: what risk transfer means
12	Comparative + argument portfolio defense	Geometry cumulative (proof + trig + area)	Reactions unit mastery + lab CER	WWI warfare and home fronts documents	Finance midyear net-worth lite
13	Modernist short fiction/poetry; fragmentation	Circles: chords, arcs, inscribed angles	Acids/bases intro; pH scale; indicators home lab	Treaty of Versailles and unfinished peace	Digital workplace reputation
14	Unreliable narrator; metafiction lite	Circle equations; tangent segments	Neutralization; titration concept demo	Interwar ideologies survey (factual, careful)	Side hustle ethics
15	Revise sustained argument with counterclaim densification	Volume/surface 3D; Cavalieri conceptual	Gas laws conceptual (Boyle/Charles) + demo	Rise of WWII: aggression and appeasement documents	Taxes: W-4 / withholding basics
16	World lit mid-portfolio + workshop	Geometry modeling project (scale drawing)	Acids/bases CER + safety audit	WWII global theaters map literacy	Finance: reading a bill of rights for consumers
17	Cold War—era literature/speeches analysis	Coordinate geometry: distance, midpoint, equations of lines	Thermochemistry lite: endo/exo; calorimetry concept	Cold War origins documents	Career pathway research
18	Analyzing visual/data rhetoric in essays	Transformations; congruence via transformations	Rates of reaction; collision theory conceptual	Decolonization wave (Asia/Africa cases)	Resume of skills (honest)
19	Comparative research essay draft	Similarity transformations; dilation proofs	Equilibrium conceptual; Le Chatelier qualitative	Cold War crises case (Cuba/Berlin) documents	Cover letter craft
20	Midyear Socratic + portfolio	Geometry midyear exam (proof-heavy)	Chemistry midyear lab practical / written	1945–1991 timeline defense	Finance + ethics synthesis
21	Contemporary world lit selections; migration themes	Trigonometry extension; law of sines intro lite	Organic chem lite: hydrocarbons; polymers in life	Globalization 1990s–present factual survey	Investing intro: risk vs return (no tips)
22	Research ethics; avoiding extractive citation	Law of cosines; area applications	Environmental chemistry: acid rain, ozone, climate basics	Climate and energy politics documents (multi-view factual)	Phishing & fraud literacy

Wk	English	Math	Science	History	Life Ready
23	Op-ed / public argument with sourced evidence	Geometry cumulative problem bank	Green chemistry / remediation case study	Post-Cold War conflicts case study (one region deep)	Workplace: NDAs & basic contracts literacy
24	Workshop public argument → final	Constructions with compass/straightedge (classical)	Chemistry project proposal (inquiry)	Document-based modern world review	Money: compound interest exploration
25	Research paper (world topic) launch	Probability geometry connections; geometric probability	Execute chemistry inquiry lab	Modern world themes: rights, markets, technology	Taxes: 1040EZ-style practice
26	Outline → draft research	Statistics lite in geometry contexts; normal curve preview	Lab CER + error analysis	Technology and society documents	Insurance: health vs auto scenarios
27	Research draft with limitations section	Geometry EOC-style practice A	Chemistry review spiral	DBQ practice modern world	Ethics: AI assistance boundaries
28	Peer review tribunal protocol	Geometry EOC-style practice B	Lab notebook audit	Thematic essay: continuity/change 1750–present	Leadership/service mini-project
29	Socratic series on year texts	Weak-spot geometry clinic	Chemistry concept maps	Primary source stations	Service project execution
30	Research revise 2	Modeling with geometry in real spaces (home measure)	Chemistry practical review	Timeline 1750–present defense prep	Service evidence log
31	Oral research checkpoint	Cumulative geometry timed set	Chemistry systems review	Thematic oral defenses	Career shadow OR interview #3
32	Research near-final	Geometry remediation	Chemistry defense rehearsal	Modern world defense rehearsal	Finance year synthesis
33	English 10 portfolio + reflections	Geometry credit exam A	Chemistry defense	World History II / Modern World defense	Transcript packet assembly
34	Portfolio oral defense	Geometry credit exam B	Chemistry viva	History viva	Transcript polish
35	Weak piece clinic	Geometry gaps	Chem notebook polish	History map polish	Summer bridge plan → Alg II / US History
36	Final English 10 packet	Geometry credit summary	Chemistry credit summary	Modern World credit summary	Complete transcript + elective proof

Grade 11

Wk	English	Math	Science	History	Life Ready
01	American lit survey launch; Puritan → Enlightenment prose	Algebra II: function families review; domain/range	Physics: position, displacement, constant velocity	US History: Indigenous nations and colonial claims	College/trade pathway inventory
02	Edwards / Franklin paired; close rhetorical reading	Transformations of functions; parent graphs	Vectors on a plane	Colonial regions and Atlantic slavery documents	SAT/ACT optional diagnostic plan
03	Revolutionary rhetoric; Paine & responses	Quadratic review → complex numbers intro	Newton's three laws lab	Revolution and Constitution road	College list criteria (fit > prestige)
04	Federalist/Anti-Federalist debate analysis	Complex number operations; Argand sketch	Forces and free-body diagrams	Constitution Articles I–III structural map	FAFSA awareness & family money talk
05	American Romanticism; Emerson/Thoreau selections	Polynomials: division, remainder/factor theorems	Work and mechanical energy	Early republic: parties, expansion, Marshall Court	Essay of purpose brainstorm
06	Hawthorne/Poe/Melville craft; symbolism & ambiguity	Rational roots; polynomial equations	Conservation of energy lab	Jackson era and Native removal documents	Recommendation letter relationships
07	Whitman/Dickinson contrast; free verse vs compression	Exponentials; growth/decay models	Momentum and collisions	Reform movements: abolition, women's rights, temperance	Campus/trade visit planning
08	Research paper launch (8–10 pp guided): question & archive plan	Logs; inverse of exponentials; change of base	Impulse and stopping distance	Sectional crisis primary stack	Test optional strategy decision
09	Civil War literature & speeches; close reading Lincoln	Sequences: arithmetic/geometric; sigma notation lite	Waves: frequency, wavelength, speed	Civil War military and home front documents	Scholarship search system
10	Reconstruction debates in essays/speeches	Recursive sequences; series intro	Sound and light	Reconstruction amendments and backlash documents	Resume/CV for real opportunities
11	Realism/naturalism; Crane/Chopin's craft	Trigonometry for Alg II: unit circle launch	Electrostatics	Industrial capitalism and Progressive reforms	Interview practice for admissions/jobs
12	Research checkpoint + American lit portfolio defense	Alg II cumulative (functions → trig start)	Physics quarter practical	Colonies→1877 timeline defense	Pathway midyear decision memo
13	Modernist poetry/fiction; Harlem Renaissance	Unit circle values; radian measure	Circuits intro	WWI and 1920s US documents	College essay anecdote mining
14	Depression-era literature & oral history craft	Trig identities intro; sin/cos graphs	Magnetism	New Deal documents (multi-view)	Essay of purpose draft 1
15	WWII literature; rhetoric of memorials	Trig equations; modeling with sinusoids	Waves and optics project	WWII home front and Japanese American incarceration docs	FAFSA/aid timeline calendar
16	Research draft 1 (full)	Trig mastery mixed	Physics mid-unit project	Cold War US domestic/foreign docs	Essay of purpose draft 2
17	King / Malcolm / women organizers rhetorical comparison	Statistics path preview OR trig applications	Modern physics lite	Civil Rights movement primary stack	Campus culture research (fit)
18	Later 20th-c American prose; voice & ideology	Probability review; expected value lite	Energy policy physics	1968–1980 political realignments	Recommendation packet organization
19	Research draft 2; evidence density clinic	Alg II spiral: polynomials → trig	Data literacy in physics	End of Cold War and 1990s US	Test date finalization
20	Research near-final + midyear seminar	Alg II midyear exam	Physics midyear defense	US History 1877–1991 defense	Pathway midyear portfolio
21	Contemporary American lit; craft imitation	Rational functions; asymptotes; holes	Physics engineering challenge	9/11 and wars after (careful, documented)	College/trade applications calendar
22	DBQ writing clinic using US History content	Rational equations; extraneous solutions	Project data collection	Great Recession documents	Aid forms practice
23	Media rhetoric; claim testing contemporary op-eds	Inverse functions deeper; composition of functions	Project analysis	Contemporary institutions: Congress, parties, courts	Interview day simulation

Wk	English	Math	Science	History	Life Ready
24	Research paper final + Works Cited	Alg II functions cumulative	Project CER final	US History thematic essay practice	Essay of purpose final
25	Seminar: American literature themes revisit	Exponential/log applications clinic	Catch-up physics labs	Immigration across eras documents	Deposit/visit logistics
26	Literary criticism intro; schools of reading (overview)	Sequences/series applications	Physics review maps	Supreme Court case study (one landmark deep)	Gap year vs launch decision framework
27	Timed rhetorical analysis	Alg II EOC-style practice A	Physics practice defense	DBQ timed	Adulting: health insurance literacy
28	Peer workshop of best essay	Alg II EOC-style practice B	Lab notebook final audit	Thematic US History review	Service/leadership evidence
29	Socratic series: conviction, conscience, and community in US texts	Weak-spot Alg II clinic	Physics concept clinic	Primary stations full US arc	Capstone idea brainstorm → G12
30	Portfolio evidence mapping	Modeling with functions real data	Physics board / poster	US timeline 1491–present defense prep	Pathway decision memo final
31	Oral research/portfolio rehearsal	Cumulative Alg II timed	Physics viva rehearsal	US History viva rehearsal	Application checklist audit
32	Near-final portfolio	Alg II remediation	Physics remediation	History remediation	Summer bridge → Gov/Econ/senior seminar
33	English 11 portfolio	Alg II credit exam A	Physics credit defense	US History defense	Junior transcript packet (GPA + credits)
34	Oral defenses	Alg II exam B	Physics viva	US History viva (Junior year)	Junior transcript polish
35	Clinic week	Math gaps	Physics notebook polish	US History map polish (Junior)	Senior year course plan
36	Final English 11 packet	Alg II credit summary	Lab science credit summary	US History credit summary	Complete transcript + college/trade annex

Grade 12

Wk	English	Math	Science	History	Life Ready
01	Great books cluster launch; seminar norms & prep notes	Precalculus functions OR Statistics: data ethics & displays	Capstone launch: pick an NGSS investigation or an engineering problem	US Government: foundations, types of democracy and republic	W-2 vs 1099: what you actually file
02	Classical rhetoric review; civic speech analysis	Poly/rational review OR describing distributions	Write a testable question and name IV, DV, and controls	Constitution review; separation of powers cases	Federal income tax brackets in plain English
03	Philosophy/lit dense text protocol; paraphrase → argue	Trigonometry deep OR normal model	Literature brief: three sources, one claim each	Federalism and Tenth Amendment controversies	Withholding vs a bill at filing time
04	Research prospectus for senior English thesis	Analytic trig OR sampling methods	Methods draft and safety plan (IRB-lite)	Civil liberties: Bill of Rights cases	State tax and local fees you might meet
05	Tragedy cluster (Greek + modern)	Polar coordinates OR confidence intervals intro	Prototype or experiment cycle 1 — collect raw data	Civil rights law evolution	Benefits: health insurance as compensation
06	Ethical theory primers; case seminar	Conics OR hypothesis testing logic	Measurement error, significant figures, and a repeatable table	Voting rights and representation	Benefits: retirement match is free money if you contribute
07	Literary treatments of money/class	Sequences/series OR regression	Mid-capstone gate: does the question still match the data?	US Government: Congress in practice	Pay stubs: gross, net, and mystery deductions
08	Prospectus defense + revised plan	Precalc/Stats cumulative A	Methods defense: why this design beats a weaker one	Presidency and executive power documents	Total compensation vs the hourly number
09	Personal narrative as civic artifact (not college-essay only)	Limits intuition OR probability deep	Cycle 2 — change one variable only	Judiciary and judicial review deep	Supply and demand on a simple graph
10	Policy brief genre; stakeholder analysis	Derivatives intuition OR experimental design	Troubleshoot a failed trial, contamination, or a broken prototype	Bureaucracy and the administrative state	Price signals: why shortages raise prices
11	Single-work intensive (student/cohort choice from list)	Applications clinic OR inference clinic	Analyze: graph, pattern, outlier honesty	Foreign policy and treaties	Wages, productivity, and take-home (lite)
12	English quarter portfolio	Math quarter exam	Quarter review: CER from your own notebook	Government quarter defense	Inflation and a grocery receipt comparison
13	Rhetoric of economic persuasion in media	Precalc analytic geometry OR Stats projects launch	Build week: apparatus, code, or model at credit quality	Economics: elasticity and consumer choice	Independent living: a real monthly budget
14	Philosophical texts on justice (Rawls/Nozick overview careful)	Math modeling real data	Iterate: keep one change, kill one change, write why	Labor markets and human capital	Rent, utilities, food: needs first
15	Senior thesis draft 1	Math EOC/placement practice	Near-peer review: someone else marks holes in your CER	Trade, comparative advantage	Emergency fund: three months as a target
16	Thesis draft 2 + midyear seminar	Math midyear	Midyear gate: freeze the question — no topic-hopping	Gov + Econ midyear combined defense	Insurance you actually need at 18–22
17	Writing for real audiences (nonprofit/business)	Math applications to civic data	Public demo prep: 3-minute oral plus one figure	Fiscal policy and budgets	Capstone: pick career, college, trade, or mix
18	Explainer essay: inflation for citizens	Financial math (precalc) OR statistical misuse clinic	Polish experiments or final prototype tolerances	Monetary policy basics (Fed literacy)	Capstone: informational interview script
19	Global literature / human rights writing	Math modeling climate/finance data (careful)	Lock the dataset — no silent edits after this week	International political economy lite	Capstone: one-page pathway plan
20	Thesis near-final; oral rehearsal	Math cumulative	Rehearse against a timer; answer two hostile questions	Gov/Econ case rehearsal	Capstone: cost of the pathway (honest numbers)
21	Support writing for capstone public materials	Math weak-spot clinic	Run the final protocol or stress-test the build	Public policy project (local)	Capstone build: portfolio artifact 1

Wk	English	Math	Science	History	Life Ready
22	Thesis revision; honesty about limitations	Placement exam practice	Limitations: what your data cannot claim	Campaign finance and media literacy	Capstone build: portfolio artifact 2
23	Public lecture / TED-style short from thesis	Math final clinics	Poster or board: title, figure, method, result, next test	State and local government deep dive	Capstone build: letter of recommendation request
24	Peer tribunal on thesis chapters	Math practice exam	Formal peer review on a rubric (not "looks nice")	Econ policy brief peer review	Capstone build: FAFSA/aid awareness (no filing required)
25	Thesis final draft due	Math credit pathway confirmation	Write the final report in IMRaD order	Gov credit evidence lock	Capstone draft: 3-minute public demo
26	Econ op-ed / policy memo final	Stats/Precalc project final	Showcase prep: notebook on the table, safety visible	Econ credit evidence lock	Peer review of the demo with a rubric
27	Integrated humanities defense prep	Math oral explainers	Oral explainer: teach a 9th grader your result	Gov/Econ oral explainers	Revise the demo from critique
28	Portfolio final selection	Math transcript summary draft	Transcript packet: hours, standards tagged, artifacts listed	Gov 0.5 + Econ 0.5 summaries	Rehearsal with timer and notes
29	English thesis public defense	Math credit exam / project defense	Public demo A with an outside listener	Gov defense	Public demo A (family audience)
30	Revisions from defense	Math remediation if needed	Demo B / repairs from demo A notes	Econ defense	Public demo B (second audience or recording)
31	Reflection essay: what education was for	Financial math life lab OR stats in the news final	Lab cleanup, inventory, and notebook archive	Citizen action plan (local)	Reflect: what evidence changed a mind
32	English 12 packet final	Math credit packet	Credit packet: scan, caption, and date every artifact	Gov/Econ packets	Transcript packet: courses, grades, activities
33	Humanities celebration reading	Math seal	Seal the year: what a college or trade reader sees in 90 seconds	Social studies seal	Complete High School Pathway checklist
34	Final grade narratives (honest)	Final math narrative	Narrative: the problem, the failed try, the result	Final gov/econ narratives	Adult contacts: how to write a professional email
35	Reading list for the next chapter	Math bridge to college/trade	Bridge: AP, dual-enrollment, trade, or work — what this proved	Civic bridge: how you'll stay informed	First 90 days after graduation plan
36	Final seminar: what will you owe your community?	Math credit locked	Science credit locked: final teach-back and signature page	Gov 0.5 + Econ 0.5 locked	Portfolio close: best evidence + remaining questions