

Grade 12 Homeschool Plan

Complete a rigorous senior year with advanced quantitative reasoning, research, civics, finance, and a capstone.

36 weeks Suggested full-year sequence	4 core subjects Math, ELA, science, social studies	Flexible Fridays Review, projects, field trips, catch-up	Printable-friendly Worksheets, notes, and progress checks
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PLAN AT A GLANCE		HOW TO USE THIS PLAN	
Grade band	High School (9-12)	1 Preview the quarter: Skim the next nine weeks and gather books, printables, and simple materials.	
Suggested daily time	5-6 hours of academics, plus senior transition work	2 Teach the weekly focus: Use the topic as a learning target, then select practice at the student's level.	
Core course path	Advanced Math, English 4, Environmental Science, Government/Economics	3 Keep evidence: Save a few work samples, reading notes, lab pages, and project photos.	
Assessment rhythm	End-of-unit checks plus four quarterly reviews	4 Adjust without guilt: Repeat, shorten, reorder, or skip material when the learner's needs call for it.	
Recommended pace	Four focused learning days and one flexible day each week		

SUGGESTED WEEKLY RHYTHM

Monday	Tuesday	Wednesday	Thursday	Friday
Introduce and model	Guided practice	Apply and discuss	Check mastery and extend	Project, review, catch-up, or field trip

Planning note: This is a flexible, standards-informed sequence - not a state-certified curriculum, legal filing, or guarantee of credit. Verify homeschool, attendance, assessment, and graduation rules where you live.

Quarter 1 | Weeks 1-9

Two four-week learning units plus a review and showcase week. Weeks 1-9.

MATH FOCUS Advanced function analysis and modeling / Polynomial and rational functions		ELA FOCUS British foundations and close reading / Shakespeare and drama		SCIENCE FOCUS Environmental systems and scientific analysis / Biodiversity and ecosystem resilience		SOCIAL STUDIES FOCUS Civic foundations and constitutional principles / Federalism, branches, checks, administration	
Week	Math	English / ELA	Science	Social Studies	Family / Project		
1	Explore & model: Advanced function analysis and modeling	Read & notice: British foundations and close reading	Observe & question: Environmental systems and scientific analysis	Ask & source: Civic foundations and constitutional principles	Plan: Graduation Requirements Audit		
2	Guided practice: Advanced function analysis and modeling	Discuss & practice: British foundations and close reading	Investigate & model: Environmental systems and scientific analysis	Map/timeline & analyze: Civic foundations and constitutional principles	Build: Graduation Requirements Audit		
3	Apply & solve: Advanced function analysis and modeling	Write & apply: British foundations and close reading	Explain from evidence: Environmental systems and scientific analysis	Compare perspectives: Civic foundations and constitutional principles	Refine: Graduation Requirements Audit		
4	Mastery check: Advanced function analysis and modeling	Conference & extend: British foundations and close reading	Reflect & design: Environmental systems and scientific analysis	Communicate & connect: Civic foundations and constitutional principles	Share: Graduation Requirements Audit		
5	Explore & model: Polynomial and rational functions	Read & notice: Shakespeare and drama	Observe & question: Biodiversity and ecosystem resilience	Ask & source: Federalism, branches, checks, administration	Plan: Quantitative Modeling Project		
6	Guided practice: Polynomial and rational functions	Discuss & practice: Shakespeare and drama	Investigate & model: Biodiversity and ecosystem resilience	Map/timeline & analyze: Federalism, branches, checks, administration	Build: Quantitative Modeling Project		
7	Apply & solve: Polynomial and rational functions	Write & apply: Shakespeare and drama	Explain from evidence: Biodiversity and ecosystem resilience	Compare perspectives: Federalism, branches, checks, administration	Refine: Quantitative Modeling Project		
8	Mastery check: Polynomial and rational functions	Conference & extend: Shakespeare and drama	Reflect & design: Biodiversity and ecosystem resilience	Communicate & connect: Federalism, branches, checks, administration	Share: Quantitative Modeling Project		
9	Spiral review, fluency check, and applied task	Portfolio check, reading conference, and polished writing	Concept map, evidence explanation, and investigation reflection	Source analysis, map/timeline review, and discussion	Quarter showcase, goal reset, and flexible catch-up		
KEEP Which routines and resources worked well?		ADJUST Which skill needs more time or a different approach?		CELEBRATE Choose one work sample that shows meaningful growth.			

Quarter 2 | Weeks 10-18

Two four-week learning units plus a review and showcase week. Weeks 10-18.

MATH FOCUS		ELA FOCUS		SCIENCE FOCUS		SOCIAL STUDIES FOCUS	
Exponential and logarithmic models / Trigonometry and periodic modeling		Enlightenment and Romantic literature / Victorian literature and social change		Population dynamics and resource use / Water, soil, agriculture, and Earth systems		Civil liberties, civil rights, and courts / Elections, parties, media, and participation	
Week	Math	English / ELA	Science	Social Studies	Family / Project		
10	Explore & model: Exponential and logarithmic models	Read & notice: Enlightenment and Romantic literature	Observe & question: Population dynamics and resource use	Ask & source: Civil liberties, civil rights, and courts	Plan: Shakespeare Seminar		
11	Guided practice: Exponential and logarithmic models	Discuss & practice: Enlightenment and Romantic literature	Investigate & model: Population dynamics and resource use	Map/timeline & analyze: Civil liberties, civil rights, and courts	Build: Shakespeare Seminar		
12	Apply & solve: Exponential and logarithmic models	Write & apply: Enlightenment and Romantic literature	Explain from evidence: Population dynamics and resource use	Compare perspectives: Civil liberties, civil rights, and courts	Refine: Shakespeare Seminar		
13	Mastery check: Exponential and logarithmic models	Conference & extend: Enlightenment and Romantic literature	Reflect & design: Population dynamics and resource use	Communicate & connect: Civil liberties, civil rights, and courts	Share: Shakespeare Seminar		
14	Explore & model: Trigonometry and periodic modeling	Read & notice: Victorian literature and social change	Observe & question: Water, soil, agriculture, and Earth systems	Ask & source: Elections, parties, media, and participation	Plan: Constitutional Law Case Brief		
15	Guided practice: Trigonometry and periodic modeling	Discuss & practice: Victorian literature and social change	Investigate & model: Water, soil, agriculture, and Earth systems	Map/timeline & analyze: Elections, parties, media, and participation	Build: Constitutional Law Case Brief		
16	Apply & solve: Trigonometry and periodic modeling	Write & apply: Victorian literature and social change	Explain from evidence: Water, soil, agriculture, and Earth systems	Compare perspectives: Elections, parties, media, and participation	Refine: Constitutional Law Case Brief		
17	Mastery check: Trigonometry and periodic modeling	Conference & extend: Victorian literature and social change	Reflect & design: Water, soil, agriculture, and Earth systems	Communicate & connect: Elections, parties, media, and participation	Share: Constitutional Law Case Brief		
18	Spiral review, fluency check, and applied task	Portfolio check, reading conference, and polished writing	Concept map, evidence explanation, and investigation reflection	Source analysis, map/timeline review, and discussion	Quarter showcase, goal reset, and flexible catch-up		
KEEP Which routines and resources worked well?		ADJUST Which skill needs more time or a different approach?		CELEBRATE Choose one work sample that shows meaningful growth.			

Quarter 3 | Weeks 19-27

Two four-week learning units plus a review and showcase week. Weeks 19-27.

MATH FOCUS		ELA FOCUS		SCIENCE FOCUS		SOCIAL STUDIES FOCUS	
Analytic geometry and vectors / Sequences, series, and introduction to limits		Modern British and world voices / Rhetoric, argument, and public communication		Energy resources and technology / Climate science and evidence		Microeconomics, markets, and consumer choice / Macroeconomics, policy, and global trade	
Week	Math	English / ELA	Science	Social Studies	Family / Project		
19	Explore & model: Analytic geometry and vectors	Read & notice: Modern British and world voices	Observe & question: Energy resources and technology	Ask & source: Microeconomics, markets, and consumer choice	Plan: Environmental Field Study		
20	Guided practice: Analytic geometry and vectors	Discuss & practice: Modern British and world voices	Investigate & model: Energy resources and technology	Map/timeline & analyze: Microeconomics, markets, and consumer choice	Build: Environmental Field Study		
21	Apply & solve: Analytic geometry and vectors	Write & apply: Modern British and world voices	Explain from evidence: Energy resources and technology	Compare perspectives: Microeconomics, markets, and consumer choice	Refine: Environmental Field Study		
22	Mastery check: Analytic geometry and vectors	Conference & extend: Modern British and world voices	Reflect & design: Energy resources and technology	Communicate & connect: Microeconomics, markets, and consumer choice	Share: Environmental Field Study		
23	Explore & model: Sequences, series, and introduction to limits	Read & notice: Rhetoric, argument, and public communication	Observe & question: Climate science and evidence	Ask & source: Macroeconomics, policy, and global trade	Plan: Personal Finance Portfolio		
24	Guided practice: Sequences, series, and introduction to limits	Discuss & practice: Rhetoric, argument, and public communication	Investigate & model: Climate science and evidence	Map/timeline & analyze: Macroeconomics, policy, and global trade	Build: Personal Finance Portfolio		
25	Apply & solve: Sequences, series, and introduction to limits	Write & apply: Rhetoric, argument, and public communication	Explain from evidence: Climate science and evidence	Compare perspectives: Macroeconomics, policy, and global trade	Refine: Personal Finance Portfolio		
26	Mastery check: Sequences, series, and introduction to limits	Conference & extend: Rhetoric, argument, and public communication	Reflect & design: Climate science and evidence	Communicate & connect: Macroeconomics, policy, and global trade	Share: Personal Finance Portfolio		
27	Spiral review, fluency check, and applied task	Portfolio check, reading conference, and polished writing	Concept map, evidence explanation, and investigation reflection	Source analysis, map/timeline review, and discussion	Quarter showcase, goal reset, and flexible catch-up		
KEEP Which routines and resources worked well?		ADJUST Which skill needs more time or a different approach?		CELEBRATE Choose one work sample that shows meaningful growth.			

Quarter 4 | Weeks 28-36

Two four-week learning units plus a review and showcase week. Weeks 28-36.

MATH FOCUS		ELA FOCUS		SCIENCE FOCUS		SOCIAL STUDIES FOCUS	
Statistics, probability, and data literacy / Financial mathematics and quantitative capstone		Senior research and source synthesis / Independent literature study and portfolio		Pollution, health, and policy / Sustainability design and capstone		Budgeting, credit, taxes, and investing / Public-policy inquiry and transition planning	
Week	Math	English / ELA	Science	Social Studies	Family / Project		
28	Explore & model: Statistics, probability, and data literacy	Read & notice: Senior research and source synthesis	Observe & question: Pollution, health, and policy	Ask & source: Budgeting, credit, taxes, and investing	Plan: Senior Research Presentation		
29	Guided practice: Statistics, probability, and data literacy	Discuss & practice: Senior research and source synthesis	Investigate & model: Pollution, health, and policy	Map/timeline & analyze: Budgeting, credit, taxes, and investing	Build: Senior Research Presentation		
30	Apply & solve: Statistics, probability, and data literacy	Write & apply: Senior research and source synthesis	Explain from evidence: Pollution, health, and policy	Compare perspectives: Budgeting, credit, taxes, and investing	Refine: Senior Research Presentation		
31	Mastery check: Statistics, probability, and data literacy	Conference & extend: Senior research and source synthesis	Reflect & design: Pollution, health, and policy	Communicate & connect: Budgeting, credit, taxes, and investing	Share: Senior Research Presentation		
32	Explore & model: Financial mathematics and quantitative capstone	Read & notice: Independent literature study and portfolio	Observe & question: Sustainability design and capstone	Ask & source: Public-policy inquiry and transition planning	Plan: Graduation Capstone and Next Steps		
33	Guided practice: Financial mathematics and quantitative capstone	Discuss & practice: Independent literature study and portfolio	Investigate & model: Sustainability design and capstone	Map/timeline & analyze: Public-policy inquiry and transition planning	Build: Graduation Capstone and Next Steps		
34	Apply & solve: Financial mathematics and quantitative capstone	Write & apply: Independent literature study and portfolio	Explain from evidence: Sustainability design and capstone	Compare perspectives: Public-policy inquiry and transition planning	Refine: Graduation Capstone and Next Steps		
35	Mastery check: Financial mathematics and quantitative capstone	Conference & extend: Independent literature study and portfolio	Reflect & design: Sustainability design and capstone	Communicate & connect: Public-policy inquiry and transition planning	Share: Graduation Capstone and Next Steps		
36	Spiral review, fluency check, and applied task	Portfolio check, reading conference, and polished writing	Concept map, evidence explanation, and investigation reflection	Source analysis, map/timeline review, and discussion	Quarter showcase, goal reset, and flexible catch-up		
KEEP Which routines and resources worked well?		ADJUST Which skill needs more time or a different approach?		CELEBRATE Choose one work sample that shows meaningful growth.			

Teaching Routine, Progress Tracker, and Resources

Use this page throughout the year; print extra copies of the tracker as needed.

A SIMPLE DAILY LEARNING BLOCK

1. Warm up	5-15 min	Quick review, read-aloud, mental math, or vocabulary.
2. Teach	15-35 min	Model one clear objective with examples, text, or demonstration.
3. Practice	15-45 min	Use online skills, discussion, writing, lab work, or a printable.
4. Apply	10-35 min	Solve, explain, create, investigate, compare, or teach it back.
5. Record	2-5 min	Mark progress and save one useful piece of evidence when appropriate.

ADAPT THE PLAN TO THE LEARNER

When work is too hard: Reduce the amount, model more examples, use concrete materials, and revisit prerequisites.

When work is too easy: Compact repeated practice, ask for deeper explanations, and add authentic projects or advanced text.

For attention or stamina: Use shorter blocks, movement breaks, choice, timers, and a visible checklist.

For reading support: Read directions aloud, use audio plus print, preteach vocabulary, and accept oral responses when appropriate.

For advanced independence: Let the student plan part of the week, select resources, track data, and lead conferences.

QUARTERLY PROGRESS TRACKER

Checkpoint	Math	ELA	Science	Social Studies	Portfolio evidence	Next priority
Week 9	[] On track [] Revisit	[] On track [] Revisit	[] On track [] Revisit	[] On track [] Revisit		
Week 18	[] On track [] Revisit	[] On track [] Revisit	[] On track [] Revisit	[] On track [] Revisit		
Week 27	[] On track [] Revisit	[] On track [] Revisit	[] On track [] Revisit	[] On track [] Revisit		
Week 36	[] On track [] Revisit	[] On track [] Revisit	[] On track [] Revisit	[] On track [] Revisit		

FREE K-12 PRACTICE RESOURCES

[Free K-12 Practice home](#) | [Math practice](#) | [English / ELA practice](#) | [Science practice](#) | [Social studies practice](#) | [Printable worksheets](#)

STANDARDS AND LOCAL REQUIREMENTS

[Common Core mathematics and ELA](#) | [Next Generation Science Standards](#) | [C3 Framework for Social Studies](#)

Frameworks describe learning expectations; families should verify state-specific content, attendance, testing, recordkeeping, and graduation rules.