

GRADE 11 STUDENT SKILLS CHECKLIST

September Academic Skills Recovery and Readiness Program

Student: _____	Date: _____
Teacher: _____	Class/Period: _____

Why You Are Completing This Checklist

This checklist will help you identify skills you remember, skills that need practice, and skills that may need to be relearned after the summer. It is not a grade. Your honest responses will help you and your teacher select the instruction and practice that will prepare you for success this year.

How to Rate Yourself

Rating	Meaning
4	I can demonstrate this skill independently.
3	I remember this skill but need more practice.
2	I learned this skill but have forgotten how to use it.
1	I do not remember learning this skill.

Directions: Before the diagnostic assessment, write 1, 2, 3, or 4 in the “Before” column. After instruction and practice, rate yourself again in the “After” column. A score of 90% or higher on the formal assessment is required to demonstrate mastery.

Mathematics A: Algebra I Foundations

Read each statement carefully and rate your current level honestly.

Skill Statement: I Can...	Before 1-4	After 1-4	Notes / Evidence
solve and justify multi-step linear equations and inequalities.			
write, graph, and interpret linear equations in multiple forms.			
solve systems of equations and interpret the meaning of their solutions.			
use function notation and interpret domain, range, intercepts, and rate of change.			
apply exponent laws, radicals, and scientific notation accurately.			
perform operations on and factor polynomial expressions.			
solve quadratic equations by factoring and check solutions.			
compare linear, quadratic, and exponential models.			
create equations and inequalities to represent constraints.			
interpret residual information, trends, and limitations in simple data models.			
identify equivalent expressions and explain why they are equivalent.			
solve unfamiliar problems by selecting a strategy and showing organized reasoning.			

Mathematics B: Geometry Retention

Read each statement carefully and rate your current level honestly.

Skill Statement: I Can...	Before 1-4	After 1-4	Notes / Evidence
apply angle relationships, triangle properties, and polygon properties.			
use congruence and similarity criteria to solve and justify results.			
construct or interpret proofs using definitions, postulates, and theorems.			
apply the Pythagorean Theorem, special right triangles, and right-triangle trigonometry.			
use sine, cosine, and tangent to find missing sides or angles.			
use coordinate methods to prove or verify geometric relationships.			
perform transformations and explain their effects on figures.			
calculate area, surface area, and volume in multi-step applications.			
apply circle theorems involving arcs, angles, chords, tangents, and secants.			
use scale factors and dimensional reasoning in models.			
translate a verbal geometric condition into a labeled diagram.			
justify a geometric conclusion with a complete logical explanation.			

Mathematics C: Algebra II Readiness and Core Skills

Read each statement carefully and rate your current level honestly.

Skill Statement: I Can...	Before 1-4	After 1-4	Notes / Evidence
analyze linear, quadratic, polynomial, rational, radical, exponential, logarithmic, and absolute-value functions.			
identify domain, range, intercepts, zeros, extrema, intervals, asymptotes, and end behavior.			
transform function graphs using shifts, reflections, stretches, and compressions.			
perform operations with polynomials and divide polynomials.			
factor polynomial expressions and use zeros to solve polynomial equations.			
solve quadratic equations by factoring, completing the square, and the quadratic formula.			
use the discriminant to describe the number and type of quadratic solutions.			
perform operations with rational expressions and state excluded values.			
solve rational and radical equations and check for extraneous solutions.			
simplify complex numbers and use them as quadratic solutions.			
solve exponential equations and understand logarithms as inverse operations.			
model exponential growth, decay, compound interest, or depreciation.			
identify and analyze arithmetic and geometric sequences and series.			
compose functions and find inverse functions when appropriate.			
solve systems that include linear and nonlinear equations.			
select, create, and justify an appropriate function model for data or a real-world situation.			

Language and Grammar

Read each statement carefully and rate your current level honestly.

Skill Statement: I Can...	Before 1-4	After 1-4	Notes / Evidence
recognize and write complete sentences rather than fragments or run-ons.			
identify and correctly use nouns, pronouns, verbs, adjectives, adverbs, prepositions, conjunctions, and interjections.			
make subjects and verbs agree, including in complex sentences.			
make pronouns agree clearly with their antecedents.			
maintain consistent and logical verb tense and voice.			
use active voice when it makes writing clearer and more direct.			
use commas, semicolons, colons, apostrophes, quotation marks, and end punctuation correctly.			
capitalize names, titles, organizations, places, and appropriate words in titles.			
use parallel structure in words, phrases, and clauses.			
place modifiers clearly and correct dangling or misplaced modifiers.			
choose precise words and determine word meaning from context.			
recognize denotation, connotation, tone, and commonly confused words.			
vary sentence structure while maintaining clarity.			
combine or revise sentences to improve flow and eliminate unnecessary repetition.			
edit a passage for grammar, usage, mechanics, clarity, and concision.			
use an appropriate formal style for academic and professional communication.			

Critical Reading and Thinking

Read each statement carefully and rate your current level honestly.

Skill Statement: I Can...	Before 1-4	After 1-4	Notes / Evidence
determine the central idea or theme and explain how it develops.			
identify relevant supporting details and summarize a text objectively.			
make logical inferences and support them with specific textual evidence.			
distinguish explicit information from reasonable inference.			
analyze an author's purpose, viewpoint, tone, and intended audience.			
determine how word choice and figurative language shape meaning and tone.			
analyze how ideas, events, or arguments are organized and connected.			
identify a claim, reasons, evidence, counterclaim, and rebuttal.			
evaluate whether evidence is relevant, sufficient, credible, and logically connected to a claim.			
recognize bias, assumptions, loaded language, propaganda, and faulty reasoning.			
compare how two texts address the same topic, idea, or problem.			
integrate information from text, charts, tables, or other visual sources.			
distinguish fact, opinion, interpretation, and unsupported assertion.			
evaluate the credibility and reliability of print and digital sources.			
formulate and defend a conclusion using evidence and clear reasoning.			
ask meaningful questions when information is unclear, incomplete, or contradictory.			

College and Career Writing

Read each statement carefully and rate your current level honestly.

Skill Statement: I Can...	Before 1-4	After 1-4	Notes / Evidence
analyze a prompt and identify its purpose, audience, task, and required format.			
develop a clear thesis, claim, or controlling idea.			
organize an introduction, logically sequenced body, and effective conclusion.			
develop paragraphs with topic sentences, evidence, explanation, and transitions.			
select relevant evidence and explain how it supports my ideas.			
write an objective summary and an evidence-based analytical response.			
write a persuasive or argumentative response that addresses a counterclaim.			
revise content for focus, organization, development, and clarity.			
edit for grammar, punctuation, spelling, capitalization, usage, and formatting.			
write a clear professional email with a useful subject line, greeting, message, closing, and signature.			
prepare a concise resume or student profile using action verbs and accurate details.			
write a focused cover-letter or letter-of-interest paragraph.			
respond to a college, scholarship, internship, or career prompt with specific evidence and authentic reflection.			
adjust tone, word choice, and level of formality for different audiences.			
paraphrase, quote, and cite sources without plagiarism.			
use AI ethically for brainstorming or feedback while preserving my own thinking, voice, accuracy, and authorship.			

Student Reflection and September Commitment

My three highest-priority skills are:

- 1. _____
- 2. _____
- 3. _____

One strength I can use to help close my gaps: _____

My September action: I will _____

Student signature: _____ Date: _____

Teacher verification: _____ Date: _____

Mastery Record

Core Area	Diagnostic	Reassessment	90% Mastery Met?
Mathematics			
Language and Grammar			
Critical Reading and Thinking			
College and Career Writing			