

**CHEDER MENACHEM**

# ELEMENTARY GENERAL STUDIES CURRICULUM

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## WRITING

- Identify, segment, and blend initial, final, and medial sounds in CVC words
- Read CVC words and grade level sight words

## READING

- Identify, segment, and blend initial, final, and medial sounds in CVC words
- Read CVC words and grade level sight words

## MATH

- Identify numbers 0-20
- Count forward, backward, and objects up to 20
- Work with numbers 11-19 to gain foundations for place value
- Understand addition and subtraction as putting together and taking apart



**CHEDER MENACHEM**

# PRE-1 A GENERAL STUDIES CORE STANDARDS

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## WRITING

- Correctly form upper and lower case letters and digits 0-9
- Correctly spell CVC words and grade level sight words

## READING

- Identify, segment, and blend initial, final, and medial sounds in CVC words
- Read CVC words and grade level sight words

## MATH

- Identify numbers 0-20
- Count forward, backward, and objects up to 20
- Work with numbers 11-19 to gain foundations for place value
- Understand addition and subtraction as putting together and taking apart



**CHEDER MENACHEM**

# 1ST GRADE GENERAL STUDIES CORE STANDARDS

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## WRITING

- Correctly form upper and lower case letters
- Correctly spell closed and v-e single and multi-syllable words as well as grade level sight words
- Write basic sentences with proper capitalization and punctuation
- Write stories with sequencing and continuity

## READING

- Identify, segment, and blend initial, final, and medial sounds in single syllable words
- Read closed and v-e single and multi-syllable words as well as grade level sight words
- Read basic sentences with fluency and prosody
- Utilize comprehension skills to make meaning of words, sentences, and stories

## MATH

- Identify numbers 0-100
- Count forward, backward, and objects up to 100
- Represent and solve problems involving addition and subtraction of numbers within 20
- Understand place value and utilize concepts to add and subtract



**CHEDER MENACHEM****2ND GRADE  
GENERAL STUDIES  
CORE STANDARDS****WRITING**

- Correctly form upper and lower case letters
- Correctly spell closed, v-e, and open single and multi-syllable words and their exceptions as well as grade level sight words
- Write complete paragraphs with proper capitalization and punctuation
- Utilize the concepts of text structure to write informational and narrative paragraphs

**MATH**

- Add and subtract numbers within 20 mentally
- Represent and solve problems with addition and subtraction including regrouping
- Use place value understanding and properties of operations to add and subtract
- Work with equal groups of objects to gain foundational understanding of multiplication

**READING**

- Read closed, v-e, open, and r-controlled single and multi-syllable words and exceptions as well as grade level sight words
- Read sentences and paragraphs with fluency and prosody
- Utilize comprehension skills to make meaning of words, sentences, and longer paragraphs
- Utilize the concepts of text structure to differentiate between and comprehend informational and narrative texts



**CHEDER MENACHEM**

# 3RD GRADE GENERAL STUDIES CORE STANDARDS

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## WRITING

- Correctly utilize cursive for writing
- Correctly spell single and multi-syllable phonetic words as well as grade level sight words
- Write complete paragraphs with proper capitalization and punctuation
- Utilize the concepts of text structure to write informational and narrative essays

## MATH

- Identify numbers 0-10,000
- Add and subtract numbers within 1,000 with regrouping
- Understand the concepts of place value within 5 digit numbers
- Mentally multiply numbers 0-12
- Utilize strategies to multiply and divide one and two digit numbers

## READING

- Read single and multi-syllable words using the rules of all six syllable types and their exceptions as well as grade level sight words
- Read grade level texts with fluency and prosody
- Utilize comprehension skills to make meaning of and analyze various types of texts
- Utilize the concepts of text structure to differentiate between and comprehend informational and narrative texts



**CHEDER MENACHEM**

# 4TH GRADE GENERAL STUDIES CORE STANDARDS

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## MATH

- Identify, compare, and order fractions and decimals correctly
- Add and subtract numbers within 1,000 with regrouping
- Understand the concepts of place value within 5 digit numbers
- Mentally multiply numbers 0-12
- Utilize strategies to multiply and divide larger numbers

## WRITING

- Correctly spell single and multi-syllable phonetic words as well as grade level sight words
- Write complete paragraphs with proper grammar, capitalization, punctuation, and organization
- Utilize the concepts of text structure to write informational, narrative, and opinion essays with proper organization and formatting
- Utilize grade level vocabulary to improve writing content

## READING

- Read grade level texts with fluency and prosody
- Utilize comprehension skills to make meaning of and analyze various types of texts, including fact vs. opinion, main idea and supporting details, comparing and contrasting, inferring, summarizing, and analyzing character development
- Utilize the concepts of text structure to differentiate between and comprehend informational and narrative texts
- Learn grade level vocabulary and how to utilize word structure and context clues to identify meaning of new words



**CHEDER MENACHEM**

# 5TH GRADE GENERAL STUDIES CORE STANDARDS



## MATH

- Identify, manipulate, and convert fractions, decimals, and percents
- Utilize concepts of measurement conversion, area and volume
- Graph points, lines and plots on x, y coordinate plane
- Utilize prime factorization and exponents for number manipulation
- Understand basic statistics including mean, median and mode
- Apply statistical representations to data sets such as histograms, bar graphs and pie charts

## READING

- Read and comprehend both fiction and nonfiction grade-level texts
- Read aloud confidently and with appropriate volume and enunciation
- Apply analytical and critical thinking skills as well as identify literary devices
- Apply and track new vocabulary and demonstrate an understanding of word roots, prefixes and suffixes and how they construct meaning
- Deliver arguments based on grade-level textual analysis that are concise and clear
- Understand basic debate skills to and use them to remonstrate novel argumentation

## WRITING

- Master writing a proper paragraph that contains a topic sentence, internal sentences built on argumentation or explanation, and a conclusion sentence
- Start to discover personal voice and style in writing by learning transitions, applying new vocabulary, and experimenting with sentence length and dependent clauses
- Start to discover the main forms of writing, such as fiction, non-fiction, creative narrative, screenwriting, and persuasive writing
- Apply textual analysis and citations to construct arguments that are clear and concise



**CHEDER MENACHEM****6TH GRADE  
GENERAL STUDIES  
CORE STANDARDS****WRITING**

- Begin to understand the concept of formal essay writing, including the five-paragraph essay
- Track and apply transition statements and literary device analysis to long-form multi-paragraph writing assignments
- Discover a personal voice and style in writing that is unique to the student
- Learn form and style differences between fiction, non-fiction, persuasive, expository, technical, copywriting and screenwriting forms of written composition
- Practice writing simple fiction, non-fiction, persuasive, expository, technical, copywriting and screenwriting samples
- Apply textual analysis and citations to construct arguments that are clear and concise
- Learn simple MLA style and word processing, including how to adjust margins, font, size, table embedding, picture embedding, and using assistive tools such as spell-check, grammar-check, and the thesaurus
- Practice basic typing skills to reach a minimum of 20 words per minute

**READING & ORACY**

- Read and comprehend both fiction and nonfiction grade-level texts
- Read aloud confidently and with appropriate volume, annunciation and style
- Apply analytical and critical thinking skills as well as identify literary devices with minimal teacher support
- Apply and track new vocabulary and demonstrate an understanding of word roots, prefixes and suffixes and how they construct meaning
- Decode new vocabulary based on shared word roots, prefixes and suffixes
- Deliver arguments based on grade-level textual analysis that are concise and clear
- Understand basic debate skills to and use them to remonstrate novel argumentation
- Engage in appropriate discussion norms in class discussion

**MATH**

- Correctly utilize concept of order of operations to solve expressions and equations
- Understand and utilize ratios, rates, proportions
- Utilize probability and graphing to track data
- Manipulate and convert advanced fractions, decimals, & percentages
- Comprehend and utilize geometric concepts
- Apply basic statistics to represent a novel data set
- Fluency with basic integer operations
- Understand basic operations involving exponents
- Solve equations involving multi-steps, distribution and exponents
- Learn simple spreadsheet understanding and management tools to model real-world situations and track student performance over time
- Maintain and student gradebook to track performance, organization, and self-regulation on a daily or weekly basis



**CHEDER MENACHEM**

# 7TH GRADE GENERAL STUDIES CORE STANDARDS

**WRITING**

- Hone formal essay writing, including the five-paragraph essay
- Hone personal voice and style in writing that is unique to the student
- Hone form and style differences between fiction, non-fiction, persuasive, expository, technical, copywriting and screenwriting forms of written composition
- Produce competent fiction, non-fiction, persuasive, expository, technical, copywriting and screenwriting samples
- Apply textual analysis and citations to construct arguments that are clear and concise with minimal teacher assistance
- Hone MLA style and word processing, including how to adjust margins, font, size, table embedding, picture embedding, and using assistive tools such as spell-check, grammar-check, and the thesaurus
- Discover very simple APA style word processing and apply it to a piece of informational or expository writing
- Practice basic typing skills to reach a minimum of 40 words per minute

**READING & ORACY**

- Read and comprehend both fiction and nonfiction grade-level texts
- Read aloud confidently and fluently with emphasis that belies an understanding of the text
- Apply analytical and critical thinking skills as well as identify literary devices without teacher assistance
- Apply and track new vocabulary and demonstrate an understanding of word roots, prefixes and suffixes without assistance
- Understand and apply logical fallacies and cognitive biases to enhance argumentation skills
- Fluently deliver arguments based on grade-level textual analysis that are concise and clear and mostly free from logical fallacies
- Learn to debate new, unseen topics confidently regardless of which side the student agrees with.

**MATH**

- Accurately utilize all properties and operations from previous years
- Solve algebraic equations and inequalities with variables on both side of the equal sign
- Comprehend and utilize integers, rational numbers, and scientific notation
- Convert decimals into and out of scientific notation form
- Apply exponent properties to equations including raising a power to a power and multiplying two exponential terms
- Start practicing and learning how to combine like terms
- Model real-world situations with unit-relevant math topics
- Apply novel spreadsheet rules and formulas to learn how to tabulate interest, add totals together, and move quantities and cells within a spreadsheet automatically
- Track real-world situations or simulated business ideas through a spreadsheet
- Track social and emotional as well as academic dimensions of growth and learning on a daily or weekly basis



**CHEDER MENACHEM****8TH GRADE  
GENERAL STUDIES  
CORE STANDARDS****WRITING**

- Master formal essay writing, including the five-paragraph essay
- Master personal voice and style in writing that is unique to the student
- Master form and style differences between fiction, non-fiction, persuasive, expository, technical, copywriting and screenwriting forms of written composition
- Produce stellar fiction, non-fiction, persuasive, expository, technical, copywriting and screenwriting samples
- Fluently apply textual analysis and citations to construct arguments that are clear and concise with minimal teacher assistance
- Master MLA style and word processing, including how to adjust margins, font, size, table embedding, picture embedding, and using assistive tools such as spell-check, grammar-check, and the thesaurus
- Discover very simple Chicago style word processing and apply it with teacher assistance
- Hone APA style word processing in an expository or informational writing sample
- Practice basic typing skills to reach a minimum of 60 words per minute

**READING & ORACY**

- Read and comprehend both fiction and nonfiction grade-level texts
- Read aloud confidently and fluently with emphasis that belies a full understanding of the text
- Fluently apply analytical and critical thinking skills as well as identify literary devices
- Fluently apply and track new vocabulary and demonstrate an understanding of word roots, prefixes and suffixes
- Fluently use logical fallacies and cognitive biases to enhance argumentation skills
- Fluently deliver arguments based on grade-level textual analysis that are concise and clear
- Learn to debate new, unseen topics confidently regardless of which side the student agrees with

**MATH**

- Solve equations and expressions with variables and powers
- Manipulate and solve simple functions, linear equations, and rational expressions
- Learn a basic understanding of non-linear equations and how to identify them both by sight and by graphing
- Graph coordinates and inequalities including slope intercept form
- Understand and solve basic systems of equations
- Apply the quadratic formula effectively and with minimal teacher assistance
- Multiply polynomials through the FOIL method
- Combine like terms fluently both with and without distribution
- Apply the pythagorean theorem and understand a proof-by-geometry of it
- Comprehend and solve systems of equations
- Model real-world situations with unit-relevant math topics
- Use spreadsheet rule and formulas to create tracking systems for school fundraisers, luncheons and events
- Track social and emotional as well as academic dimensions of growth and learning on a daily or weekly basis
- Predict and track stock market shares virtually in a simulated stock market spreadsheet