

## Morgan's 5th grade checklist

### Language Arts:

- [ ] read a wide range of grade-appropriate fiction & nonfiction material
- [ ] Evaluate works of literature through discussion, debate, & written critique
- [ ] Read & Discuss A Midsummer night's dream
- [ ] How to write a friendly letter (ie heading, salutation, body, closing)
- [ ] identify subject & predicate in a sentence
- [ ] use punctuation marks correctly
- [ ] Write frequently & in a wide variety {essays, reports, poems, short stories}
- [ ] Identify & fix run on sentences
- [ ] continue to expand on knowledge of suffixes and prefixes
- [ ] Proper use of capital letters
- [ ] Apostrophes in contractions & in possessive nouns
- [ ] Identify basic parts of speech (nouns, pronouns, verbs, adjectives)
- [ ] Use Dictionary, encyclopedia, thesauruses or phone book
- [ ] familiar with use of library (card catalog, fiction and non fiction books, etc.)
- [ ] Expand on previous spelling & vocabulary skills
- [ ] practice simple study techniques
- [ ] develop a simple outline of a short written selection
- [ ] Make oral presentations in an organized and well delivered fashion
- [ ] give oral summaries of things read or heard
- [ ] continue memorization skills {poems, bible verses, etc}

### Mathematics:

- [ ] Know numbers through billions; write in words & numerals
- [ ] Order and compare numbers to 999.999 using greater & less than & equal sign
- [ ] Write numbers in expanded view {896,432=800,000, 90,000, 6,000, 400, 30, 2}
- [ ] reinforce concepts of place value
- [ ] Round numbers to the nearest 10, 100, 1,000, or 10,000
- [ ] Compare & order negative numbers on a number line
- [ ] define *integer*, & know the sum of any integer & its opposite is 0
- [ ] Study the concept of exponents {see pg 223 for more information}
- [ ] Define prime and composite numbers to 100
- [ ] Collect, organize data & solve problems using graphs
- [ ] Find the average of a set of numbers
- [ ] perform simple probability experiments {flipping coins, rolling dice, etc.}
- [ ] plot points on a coordinating grid
- [ ] Express relationships as simple ratios
- [ ] recognize equivalent fractions
- [ ] Determine the least common denominator of fractions with unlike denominators
- [ ] Compare fractions {like & unlike denominators} using equal, greater & less signs
- [ ] add, subtract, & multiply improper fractions with like & unlike denominators
- [ ] identify mixed numbers and improper fractions & change them back & forth
- [ ] round fractions to the nearest whole number

## Morgan's 5th grade checklist

add & subtract decimals to four places

### Math Cont.

- know basic multiplication facts to 12x12 & equivalent in division
- add, subtract, multiply, & divide numbers to four digits with/without regrouping
- estimate answers to mathematic problems & check answers with strategies
- Solve multistep problems involving more than 1 operation
- solve money problems using all arithmetical operations
- be familiar with imperial & metric uses of measurement
- solve problems on elapsed time with/without regrouping {minutes to hours, etc}
- recognize & identify common polygons & polyhedrons
- Identify similar & congruent, symmetrical & asymmetrical figures
- recognize right, acute, & obtuse angles
- calculate perimeter of polygons & the area of squares, triangles, etc.
- identify the various parts of a circle {circumference, diameter, radius}
- define & understand the commutative & associative properties of addition & the commutative, associative & distributive properties of multiplication {see pg 226}

### Science:

#### Physical science:

- Survey the elements of the periodic table {see pg 236}
- Review & expand upon studies of atomic structure
- Chemical & Physical properties of matter
- review & reinforce studies of force & motion
- simple machines
- investigate objects in motion & learn that force is required to change an object's speed.

#### Earth science:

- Oceanography {see pg 241}
- Define fossils and how they are formed
- Know the difference between a rock and a mineral
- Be familiar with common constellations

#### Life science:

- expand upon earlier studies of plant & animal classification {5 kingdoms}
- Enlarge & expand upon studies of botany
- human body
- expand & enlarge upon earlier introduction to cell biology

## Morgan's 5th grade checklist

### Geography:

- survey the great lakes of the world {see pg 235 for list}
- review previously learned geography skills
- be able to locate Australia & know all 7 states
- Geography studies should be closely linked to history topics

### History

#### US History:

- The Mexican war
- Westward expansion
- Civil War
- Continued westward expansion & Indian resistance
- Women's suffrage
- great depression

#### World History:

- Prehistory to the beginning of civilization
- Ancient egypt, Ancient greece, Ancient Rome

### Art:

- study art in conjunction with other subjects {see pg 243}
- use previously acquired knowledge to produce creative range of art
- Use previously acquired knowledge to analyze artwork of others
- experiment and use various forms of media {paint, clay, crayons, etc.}

### Health & Physical education:

- participate in a range of indoor/outdoor activities
- basic first aid {what do to in an emergency}
- Understand the difference between communicable & non communicable disease
- Be familiar with the elements of good nutrition & personal hygiene

Notes: \_\_\_\_\_

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Morgan's 5th grade checklist

Planned studies/courses & curriculum for the year:

Language Arts:

- Sonlight Language Arts 3rd & E
- Spell Well B & BB
- typing {Sponge Bob & dance mat}
- Assigned reading

Mathematics:

- Teaching textbooks 5 {6 as/if needed}
- Life Of Fred Fractions & Decimals

Science:

- Apologia biology
- Apologia zoology 1
- Beautiful Feet The History Of Science
- Winter Promise Hoot & Chirp, Buzz & Bite
- NaturExplorers {varied}

Geography:

- Sonlight Core E
- Tools for the geographer
- HSITW Time Traveler Civil War

History:

- Sonlight Core E
- HSITW Time Travelers Civil War, great depression, World War 2

Art:

- Artistic Pursuits books: K-1, K-3, 4-1
- Art lessons {if possible}

Music:

- piano lessons
- recorder lessons

Notes: \_\_\_\_\_

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