



What Every Rising MCA Seventh Grader Needs to Know

Skills and Work to be Mastered & Reviewed Prior to August

Mathematics

- Computes with fractions (add, subtract, multiply, and divide fluently)
- Solves problems using geometry
- Knows and uses area formulas (rectangles, circles, triangles, trapezoids)
- Understands simple algebraic expressions
- Uses graphs to analyze data
- Understands negative numbers (placement on number line, adding, subtracting)

Science

- Identifies parts of the scientific method
- Uses the scientific method as a framework for developing research proposals
- Designs and carries out a self-selected research project
- Recognizes the value of science in today's society
- Describes the scientific problems facing today's scientists and those of the past
- Uses reasoning, insight, skill, and creativity to solve problems
- Shows how scientific problem solving helps solve problems in daily life
- Draws connections between science and other academic areas

English

- Writes a variety of essays (persuasive, expository, etc.)
- Writes a research paper
- Identifies sentence types
- Demonstrates correct usage of grammar
- Identifies active/passive voice
- Spells troublesome words
- Demonstrates knowledge of Latin and Greek roots
- Understands and identifies a variety of literature
- Understands sayings and phrases

History & Geography

- Demonstrates map-reading skills, understanding of timelines
- Is familiar with geographic terms and major landforms
- Identifies major world religions
- Is familiar with ancient Greek and Roman civilizations
- Is familiar with various historical time periods
- Is familiar with industrialism, capitalism, socialism, urbanization
- Is familiar with the history, geography and culture of Europe and South America

Name: _____

Date: _____

7th Grade

Required Summer Reading

George MacDonald's *The Princess and the Goblin*

ISBN-10: 0141332484

ISBN-13: 978-0141332482

George MacDonald was a Scottish author, poet, and preacher. His books span the range of subjects, but he is most famous for his fantasy works like *The Princess and The Goblin*. While MacDonald's name is less widely-known today, his readers are not: J.R.R. Tolkien (*The Lord of the Rings*), C.S. Lewis (*The Chronicles of Narnia*), Madeleine L'Engle (*A Wrinkle in Time* series) Neil Gaiman (*Coraline*), L. Frank Baum (*The Wizard of Oz*), Mark Twain (*Tom Sawyer*) among many, many others found MacDonald's writing to be a key influence on their own work.

Vocabulary

As you read, note (and, if able, mark!) unfamiliar words. Try to understand the words based on how they are used in the sentences. Choose **four words** from throughout the book and look up their definitions in a dictionary. Log the word, its definition, and the chapter where the word was located in *The Princess and the Goblin* below.

1. Word:
Chapter:
Definition:
2. Word:
Chapter:
Definition:
3. Word:
Chapter:
Definition:
4. Word:
Chapter:
Definition:

Comprehension

As you read *The Princess and the Goblin*, answer the following questions. (It will help to read the questions ahead of time to know what to look for). Please answer in full sentences.

Chapter 1: How do the goblins differ from humans? Describe the goblins in three sentences.

Chapters 2-4: Throughout the book, George MacDonald mentions how a “true princess” acts. What are some ways that Irene behaves like a true princess in these chapters?

Chapters 6-9: What are some things that Curdie learns about the goblins while spying on them?

Chapters 13-15: Why do you think that Irene could see the lamp when others could not? What do you think is the “gift born with” her (Chapter 15)?

Chapter 23: Does Curdie’s mom think that Curdie should believe Irene? Write about her response.

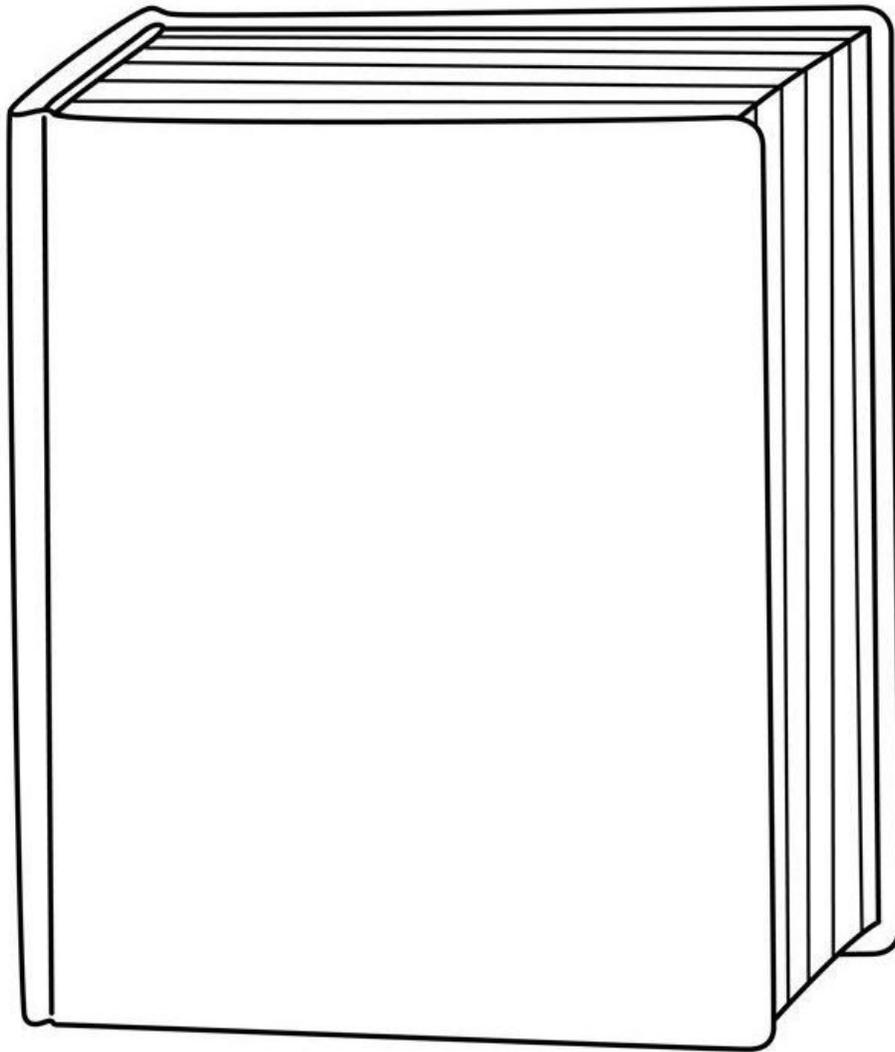
Conclusion

Once you have finished reading *The Princess and The Goblin*, use your familiarity with the story to design your own version of the book! The cover of a book encourages others to read it too, with art and a short description to let the readers know what to expect. Choose one of the two following options.

Front cover: Using any art technique you like, design a cover for *The Princess and The Goblin*. Be sure the cover is related to the content of the book, and include the title and author somewhere in your design. (Feel free to complete this part of the assignment on a separate page.)

OR

Back cover: In 4-6 sentences, write what *The Princess and the Goblin* is about. Give enough information to pull readers in, but do not give away the ending!



MCA 7th Grade Supply List

2020-2021

REQUIRED

- (1) Large 2-3 inch (or larger) binder (recommend w/zipper pouch and pocket for calculator).
 - Binder will be used to store several math handouts per unit, along with handouts from the other core subjects.
- Subject dividers (1 per class)
- Pencils, erasers, notebook paper
- 2 packs of 200 ruled index cards
- (1) Single Subject notebook (for **English**)
- (1) Single subject notebook and two glue sticks (**for Science**)
- (1) Single subject notebook and folder (for **History**)
- (1) 3-subject college ruled notebook with pockets (for **Math**)
- TI-30X IIS (Texas Instrument Scientific Calculator)
- (1) Single subject notebook (for Art of Argument)

RECOMMENDED

- Dry erase markers (donated to homeroom teacher)
- Planner
- Scissors
- Permanent markers
- 5 neon highlighters
- Colored pencils or markers

Our goal is to keep your kids healthy as we educate them. Any donations of the following are greatly appreciated:

- Tissues
- Clorox wipes

Thanks!

Your Seventh Grade Team