

# 7th Grade English Language Arts 3rd Trimester Standards

<b>Standard #</b>	<b>Student Friendly Version</b>	<b>Benchmark</b>
Reading 1.1	I will identify idioms, similes, metaphors and analogies in prose and poetry.	3
Reading 1.2	I will use Greek, Latin, Anglo-Saxon roots and affixes to understand vocabulary.	3
Reading 2.1	I will understand the purpose and structure of informational materials, (e.g., textbooks, newspapers, instructional manuals, and signs).	3
Reading 2.5	I will understand and explain the use of a mechanical devise by following technical directions.	3
Reading 3.1	I will identify the purpose of different types of prose, (e.g., short story, novel, novella, and essay).	3
Reading 3.4	I will identify and analyze recurring themes across works, (e.g., the value of bravery, loyalty, and friendship; the effects of loneliness).	3

Written 1.2	I will identify and use infinitives and participles and make clear references between pronouns and antecedents.	3
Written 1.4	I will demonstrate the mechanics of writing using quotation marks, commas at the end of dependent clauses, and appropriate pronoun references in my own writing.	3
Writing 1.7	I will revise my writing to improve organization and word choice.	3

## 7th Grade Math 3rd Trimester Standards

<b>Standard #</b>	<b>Student Friendly Version</b>	<b>Benchmark</b>
AF 1.5	I will be able to draw and interpret graphs	3
NS 2.4	I will understand how raising a number to a power and finding its root are related; be able to estimate a square root.	3
AF 3.3	I will be able to graph linear equations and know what the slope is.	3
AF 3.4	I will be able to graph a ratio and know that the slope is equal to the quantity of an item.	3
NS 1.4	I will know the difference between rational and irrational numbers.	3
MG 2.1	I will be able to use formulas to find the perimeter, area, and volume of basic shapes.	3

MG 2.2	I will be able to estimate and compute the area of irregular shapes by breaking a shape into simpler shapes.	3
MG 3.1	I will be able to identify and construct basic parts of geometric figures using a compass and straightedge.	3
MG 3.3	I will know, understand, and use the Pythagorean Theorem to find missing sides of right triangles.	3
MG 3.4	I will know and understand the relationships of sides and angles in congruent figures.	3
MG 3.6	I will be able to identify three-dimensional geometric shapes.	3
SDAP 1.1	I will be able to create and interpret a Stem-and-Leaf or Box-and-Whisker plot to compare data.	3
SDAP 1.3	I will be able to compute minimum, maximum, and quartiles of a data set.	3

# 7th Grade Science 3rd Trimester Standards

## Cell Biology

**All living organisms are composed of cells.**

Standard #1	Student Friendly Version	Benchmark
A.	I will know that cells function similarly in all living organisms.	3
B.	I will know the characteristics that distinguish plant cells from animal cells, including chloroplasts and cell walls.	3
C.	I will know that the nucleus is the repository for genetic information in plant and animal cells.	3
E.	I will know that cells divide to increase their numbers through a process of mitosis, which results in two daughter cells with identical sets of chromosomes.	3

## Genetics

### Cells contain genetic instructions that specify its traits.

Standard #2	Student Friendly Version	Benchmark
B.	I will know that sexual reproduction produces offspring that inherit half their genes from each parent.	3
C.	I will know that an inherited trait can be determined by one or more genes.	3
D.	I will know that plant and animal cells contain many thousand of different genes and typically have two copies of every gene. The copies, or alleles, of the gene may or may not be identical, and one may be dominant in determining the phenotype while the other in the chromosomes of each cell.	3
E.	I will know that DNA is the genetic material of living organisms and is located in the chromosomes of each cell.	3

# 7th Grade History 3rd Trimester Standards

## Feudalism in Europe

### 7.6

Standard #	Student Friendly Version	Benchmark
7.6.1	I will be able to describe the geography of Europe, where it is, and what the land, climate, and vegetations are like, and how that effected people in the Middle Ages.	3
7.6.2	I will be able to describe the spread of Christianity north of the Alps and the role of churches, monks, and monasteries after the fall of Rome.	3
7.6.3	I will understand how feudalism developed, its role in medieval European economy, and the effects of physical geography, and political order achieved by feudal relationships.	3
7.6.4	I will know athe conflicts and cooperation between the pope and European monarchs.	3
7.6.5	I will know the medieval English legal and constitutional practices effected democratic thought and government.	3

7.6.6	I will be able to explain what caused the religious Crusades, and the effects they had on Christian, Muslim, and Jewish people in Europe.	3
7.6.7	I will be able to map the spread of the bubonic plague and its impact on the world.	3
7.6.8	I will know the role of Catholic church played as a political, intellectual and aesthetic institution.	3
7.6.9	I will know the decline of the Muslim rule in the Iberian Peninsula, leading to the Reconquista, and the rise of the Spanish and Portuguese kingdoms.	3

**Renaissance Europe**  
**Substrand: 7.8**

<b>Standard #</b>	<b>Student Friendly Version</b>	<b>Benchmark</b>
7.8.1	I will be able to describe the way in which the revival of classical learning and the arts fostered a new interest in humanism (i.e., a balance between intellect and religious faith).	3

7.8.2	I will explain the importance of Florence in the early stages of the Renaissance and the growth of independent trading cities (e.g., Venice), with emphasis on the cities' importance in the spread of Renaissance ideas.	3
7.8.3	I will understand the effects of the reopening of the ancient "Silk Road" between Europe and China, including Marco Polo's travels and the location of his routes.	3
7.8.4	I will describe the growth and effects of new ways of disseminating information (e.g., the ability to manufacture paper, translation of the Bible into the vernacular, printing).	3
7.8.5	I will be able to detail advances made in literature, the arts, science, mathematics, cartography, engineering, and the understanding of human anatomy and astronomy (e.g., by Dante Alighieri, Leonardo da Vinci, Michelangelo di Buonarroti Simoni, Johann Gutenberg, William Shakespeare).	3