End of Year English Language Arts Benchmarks for Grade 5 Students

ROCKETSHIP
PUBLIC SCHOOLS

Key Competencies	Purpose & Goals	Learn this Skill	Practice this Skill
Fluency	I can read 100-150 words per minute and with 95% accuracy.	If your student is reading words automatically and at a high rate, they focus their energy on making meaning. Learn more in this lesson.	Use this fluency passage to help your child increase their reading rate.
Phonics & Word Solving	I can use context clues to help me figure out or correct words that I am having trouble with.	Reading is all about making meaning and understanding the information. Use the context clue strategy to help you independently make sense of new words.	Visit Education.com for more word solving activities.
Reading Level	I can independently read level Z texts.	In every grade level, students will be reading more complex texts. Complexity is determined many elements, including vocabulary, structure, and length of text. Learn more in this lesson.	Vist readwords.com for more fiction articles at a variety of reading levels.
Fiction Comprehension	I can explain how characters respond to challenges when discussion the Theme of a story. I can report on a topic or present my opinion logically using appropriate facts and details to support my opinions.	In order to understand the deeper meaning of a complex text, student must determine both literal and figurative meaning. Watch Mrs. Patel unpack a challenging poem with her students.	Vist readworks.com for more fiction articles at a variety of reading levels.
Informational Comprehension	I can explain how an author uses reasons or evidence to support points in informational texts. I can report on a topic or present my opinion logically using facts and details to support my opinions.	When reading informational texts, readers should identify the topic and what the author is teaching you about the topic. Using strategies to understand vocabulary words can support with overall meaning. Learn more in this lesson.	For additional articles about current events visit newsela.com.
Writing	I can write different types of writing for different reasons (opinions with evidence, teach about a topic with multiple facts, stories with detailed characters).	Great writers can use what they know about genres, to flexibly express ideas and write for different reasons. Watch this video to learn more about the characteristics of exemplary writing.	Use this writing journal for more practice with writing different types of writing and for different reasons.
Language Arts	I can show that I understand standard English in my speech and in my writing.	Students should be able to use language resources like a dictionary or thesaurus to build a strong vocabulary. This activity helps students hone their dictionary skills.	Visit Education.com to help build grammar and vocabulary.

End of Year Math Benchmarks for Grade 5 Students, Part 1

ROCKETSHIP
PUBLIC SCHOOLS

	Competency	Goals	Learn About This Skill	Practice this Skill
	Fluency	I can easily multiply large whole numbers	Learn strategies for multiplying multiples of 10, 100 and 1000 in this Khan Academy lesson and multiplying multi-digit numbers in this video.	Practice with this Rocketship worksheet.
	Order of operations	I can accurately write number sentences using symbols and solve number sentences using the order of operations correctly.	Learn about translating expressions with parentheses in this Khan Academy video and evaluating expressions with & without parentheses in this video.	Practice with this Rocketship worksheet.
	Patterns and relationships	I can form ordered pairs using the relationship between two number patterns and graph them on a coordinate plane.	Get an introduction to coordinate planes and learn how to about graphing points on coordinate planes in these Khan Academy lesson.	Practice with this Rocketship worksheet.
	Place value understanding	I can understand that a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left.	Learn about multiplying and dividing by powers of 10 in this Khan Academy video.	Practice with this Rocketship worksheet.
	Place value understanding to solve	I can add and subtract decimals to hundredths using what I have learned about place value.	Learn about adding decimals with ones, tenths, and hundredths and subtracting strategies with hundredths in these Khan Academy videos.	Practice with this Rocketship worksheet.
	Fraction understanding	I can understand that fractions are really division problems (a/b = a÷b)	Learn about understanding fractions as division in this Khan Academy video and creating a fraction through division in this lesson.	Practice with this Rocketship worksheet.
	Fraction addition and subtraction	I can add and subtract fractions with unlike denominators.	Learn about adding fractions with unlike denominators in this Khan Academy lesson. Then learn about subtracting fractions with unlike denominators.	Practice with this Rocketship worksheet.

End of Year Math Benchmarks for Grade 5 Students, Part 2

	Competency	Goals	Learn About This Skill	Practice this Skill
	Fraction multiplication	I can understand and show with models that multiplying a fraction by a whole number is the same as finding the product of the numerator and whole number and then dividing it by the denominator.	Learn about multiplying fractions and whole numbers visually in this Khan Academy lesson and this lesson.	Practice with this Rocketship worksheet.
	Fraction division	I can use what I know about division to divide fractions by whole numbers or whole numbers by fractions.	Learn how to divide a unit fraction by a whole number in this Khan Academy video and this video.	Practice with this Rocketship worksheet.
	Measurement	I can convert different-sized measurements within the same measurement system. (km, m, cm; kg, g; L, mL) Not covered - (in, ft, yd, mi; oz, lb; cup, pt, qt, gal; hr, min, s)	Learn about converting units, specifically centimeters to meters, in this Khan Academy lesson. Then learn about measurement in this word problem.	Practice with this Rocketship worksheet.
	Represent and interpret data	I can use addition and subtraction of mixed numbers and fractions to solve problems involving data presented in a line plot.	Learn about line plot distribution in this lesson from Khan Academy.	Practice with this Rocketship worksheet.
	Volume understanding	I can understand a "unit cube" as a cube with side lengths of 1 unit and can use it to measure volume.	Learn about volume in this lesson from Khan Academy. Then learn about measuring volume with unit cubes.	Practice with this Rocketship worksheet.
	Volume understanding to solve	I can solve real world problems involving volume by thinking about addition and multiplication ($V = l \times w \times h$; $V = b \times h$)	Learn how to measure volume as area times length in this Khan Academy lesson then learn about volume of a rectangular prism.	Practice with this Rocketship worksheet.