

Fourth Grade Readiness Expectations

Over the summer, here are a few ideas to help prepare your child to be ready to enter GHI. In addition, your student can enroll in the Summer Orientation Camp for Singapore and Spalding June 10-14.

Academic Expectations - Students should enter understanding the following:

Math Readiness

- Numbers to 10,000: place value, patterns, rounding and estimation
- Add and Subtract, Multiply and Divide (Long Division)
- Multiplication facts through 12. If you would like to start practicing math facts, we encourage you to subscribe to Rocket Math online using the link below.
<https://www.rocketmath.com/subscription/public/plan-preview.php>
- Data Analysis: Probability
- Measurement: length (meters, centimeters, kilometers, yards, feet, inches, miles), weight(kilograms, grams, word problems, pounds and ounces) and capacity(liters, milliliters, gallons, quarts, pints, and cups)
- Fractions: equivalent, adding, subtracting
- Time: hours and minutes
- Decimals: fractions and money
- Geometry: Angles, Angles, Shapes, Solid Figures, Area, Perimeter, and Volume

Language Arts Readiness

- Phonograms - Practice Spalding Phonogram flashcards daily. We encourage our Great Hearts Irving families to each purchase a single set of these Spalding Phonogram cards. Use the phonogram videos to help pronounce the sounds correctly. <http://greatheartsirving.greatheartsacademies.org/academy-life/parent-resources/>
- Myths and mythical characters
- History units and science units

We encourage you to purchase **What your Third Grader needs to Know** to prepare for Fourth grade.

World History Units

- Geography: Spatial Sense, Geographical Terms and Features, Canada, Rivers of the World, Mediterranean Region
- The Ancient Roman Civilization: The Vikings

American History Units

- The Earliest Americans: Crossing from Asia to North America, Native Americans
- Early Exploration of North America: Early Spanish Exploration and Settlement
- Exploration and Settlement of the American Southwest, The Search for the Northwest Passage
- The Thirteen Colonies: Life and Times Before the Revolution: Geography, Southern Colonies, New England Colonies, Middle Atlantic Colonies

Science Units

- Properties of Matter: Mass, Floating and Sinking, Magnetism, States of Matter, Heating and Cooling, Mixtures
- Classification of Animals and Ecology
- The Human Body
- Energy: Light and Optics, Sound, Thermal, Mechanical
- Earth and Sky: Weather, Earth's surface, Soil, Natural resources, Sun
- Astronomy, Science Biographies

Read to a parent 30 minutes per day (M-F).

Classics to Keep:

Title	ISBN
Mouse Tales	97800644440134
Little Bear	97800644441971
The Grasshopper on the Road	97800644440943
Mouse Soup	97800644440417
Owl at Home	97800644440349
Frog and Toad Collection Box Set	9780060580865
A Bargain for Frances	97800644440011
Sam the Minuteman	97800644441070
Tales from Beatrix Potter	9780723239710
My Father's Dragon	9780679889113
Charlotte's Web	97800644400558
Sara Plain & Tall	97800644402057
Little House in the Big Woods	97800644400015
Cinderella and Other Stories in "The Blue Fairy Book"	9780486293899
The Courage of Sarah Noble	9780689715402
The Boxcar Children	9780807508527
Cricket in Times Square	9780312380038
Little House on the Prairie	97800644400022
Pinocchio (Collodi)	9781463714413
The Lion, the Witch and the Wardrobe	9780064471046
The Jungle Book	9780486410241
The Trumpet of the Swan	97800644408677
The Little Prince	9780547978840