

Fifth 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

- Place Value
- Add and subtract, multiply and divide whole numbers
- Multiplication of whole numbers and by a 2-digit number
- Factors and multiples; Order of Operations
- Add and subtract, multiply and divide Fractions and Decimals
- Geometry: Angles, Shapes, Nets, Area and Perimeter
- Data Analysis and Probability; Measures and Volume
- Multiplication facts. 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>

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.greatheartsschools.org/academy-life/parent-resources/>
- Poetry, Fiction, Myths; Grammar Expectations: Parts of Speech
- History units and science units

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

World History Units

- World Geography: Spatial Sense, Mountains and ranges
- Europe in the Middle Ages
- the Spread of Islam and the "Holy Wars"
- Early and Medieval African Kingdoms
- China: Dynasties and Conquerors

American History Units

- The American Revolution
- Making a Constitutional Government: Declaration of Independence,

Constitution, National, State, Local Government

- Early Presidents and Politics
- Symbols and Figures

Science Units

- The Human Body; Organisms and Environments
- Chemistry, Effects of Forces, Meteorology
- Forms of Energy: Mechanical, sound, light, thermal and electrical
- Geology: soil, the earth's layers, rocks, weathering and erosion
- Renewable and Nonrenewable resources
- Patterns of change in shadows and tides
- Science Biographies

Classics to Keep: Read to a parent 30 minutes per day

Title	ISBN
Mouse Tales	9780064440134
Little Bear	9780064441971
The Grasshopper on the Road	9780064440943
Mouse Soup	9780064440417
Owl at Home	9780064440349
Frog and Toad Collection Box Set	9780060580865
A Bargain for Frances	9780064440011
Sam the Minuteman	9780064441070
Tales from Beatrix Potter	9780723239710
My Father's Dragon	9780679889113
Charlotte's Web	9780064400558
Sara Plain & Tall	9780064402057
Little House in the Big Woods	9780064400015
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	9780064400022
Pinocchio (Collodi)	9781463714413
The Lion, the Witch and the Wardrobe	9780064471046
The Jungle Book	9780486410241
The Trumpet of the Swan	9780064408677
The Little Prince	9780547978840
King Arthur	9780486421803
Robin Hood, McSpadden (Core Knowledge Series)	9781890517168
Wizard of Oz	9781593082215
Prince Caspian (Not the Movie Version)	9780064471053
Carry on, Mr. Bowditch	9780618250745
The Princess and the Goblin (Looking Glass Library)	9780375863387