Steck-Vaughn Mathematical Reasoning - Test Preparation for the 2014 GED® Test

Overview

Resource Type	Subject(s)	NRS Level(s)
Print	Math	ABE 5, 6

Publisher and Website

Houghton Mifflin Harcourt/Paxen Publishing, 2013
Student Book and Student Workbook:
These print resources are no longer available from the publisher. They have been replaced by the Steck-Vaughn's 2nd Edition GED® Preparation Series.
The 2013 resources are still considered approved resources; therefore, the information in this document may be helpful to understand their features. The newer edition print materials noted above are also approved resources. Summaries for these books are available within the approved curriculum listings.

Summary

General Information

The two print resources, Student Book and Student Workbook, were designed to be used in conjunction with each other. The Student Book is designed to be the first book that the student uses. Instructional content and practice are provided, and if the student needs no additional instruction or practice, they continue with the lessons in the Student Book. However, the resources in the Student Workbook are designed to offer additional

General Information

instruction if needed, presenting the concept in a different way or possibly at a lower level, along with additional practice opportunities.

Steck-Vaughn also provides this two print resources combination for Reasoning Through Language Arts, Science, and Social Studies.

Organizational Format

Both print resources offer the following introductory material:

- An overview of the entire GED® Test
- Features of the computerized GED® Test
- Steck-Vaughn's approach to presenting GED Test material
- Specifics about the GED® Mathematics Test
- Steck-Vaughn's approach to presenting math topics
- Directions for using the TI-30XS calculator
- Math formula sheet
- Test-taking tips

The lesson material is divided into four units. Each unit begins with "GED® Journey," which presents a famous person who pursued their HSE through the GED® along with their insightful comments.

After the last unit, there is an answer key for all questions.

The unit topics and number of lessons within each unit are:

- Unit 1: Number Sense and Operations: 7 Lessons
- Unit 2: Data Measurement/Analysis: 7 Lessons
- Unit 3: Algebra, Functions, and Patterns: 17 Lessons
- Unit 4: Geometry: 9 Lessons

Lesson Overview

Each two-page lesson within the Student Book uses the following approach:

Lesson Overview

- Naming of the math content topic and math practices standard underneath the lesson heading
- Learn the Skill - presentation of the concept
- Practice the Skill - a problem associated with the concept with comments and tips provided in the margin for guidance
- Apply the Skill - multiple questions to demonstrate competency with the concept. On the average each lesson has about 8-10 questions within the Apply the Skill section.

The lesson format within the Student Workbook includes a cross-reference to the pages in the Student Book that cover the same topic. The assessment targets (standards) are also noted. Instead of Learn the Skill, Practice the Skill, and Apply the Skill, the Student Workbook uses headings of Review the Skill, Refine the Skill, and Master the Skill. The Master the Skill section offers more practice than Apply the Skill Typically there are about 25 questions per topic; however, the Student Book includes a set of questions in a unit review, whereas the Student Workbook does not offer a unit review.

Question/Answer Format

Question/answer format for both the Student Book and Student Workbook:

Questions are primarily multiple choice, however, there are some that are fill in the blank, drag and drop simulation, or hot spot identification. The answer key provides the correct answer, a short explanation along with the DOK level and standard addressed by the question.

Standards Alignment

Within each lesson the Math Practice standard is noted. In the answer key, the DOK level and Math Practice standard are provided.

Other Resources

The Student Book Edition is also available as an ebook.

Other Resources

The publisher's website also provides a bundle (10 pack) of Mathematical Reasoning Pre- and Posttests in multiple versions.

Resources are also available in Spanish for some of the above noted resources.

Accessibility Features

Online platforms may include different accessibility features to aid learners. To learn more about these features contact the publisher's sales representative or customer support. Some platforms may offer a document titled a Voluntary Product Accessibility Template to delineate the features offered. Information that may help you understand a VPAT is available in our informational document.