# A Beginning-of-Year Success Plan for Educators
## *Go Math!* Grade K

As schools enter the 2020-2021 academic year, educators will be challenged with meeting students' needs for the current calendar year while addressing learning gaps produced as a result of COVID-19 related school closures.

Working with the International Center for Leadership in Education (ICLE), HMH has identified the highest priority standards for you to focus on. These priority standards are built from hundreds of projects with thousands of educators around the country, which consistently show that prioritizing standards results in learning gains for ALL students, particularly students who are behind, and regardless of whether they have experienced disrupted learning.

Using these priority standards, HMH has developed this HMH Essential Content Framework as a guidance document as educators use the *Go Math!* planning resources and tools to guide their instruction beginning in Fall 2020.

The enclosed HMH Essential Content Framework allows educators to focus on those standards most critical to a student's success in achieving grade level proficiency and above, as well as providing specific content from the prior grade that can be used for scaffolding and reteaching.

Use this Essential Content Framework in conjunction with your school or district's scope and sequence documentation to identify critical skills, on-grade lessons, and expected prior-year learning that supports these standards.

## Determining Student Needs

**Understand the Options**
Get to know what skill strengths and challenges your students are bringing to the classroom at the beginning of the year.
- Consult data or feedback from the last academic year. Reach out to the previous grade's teachers to find out whether there are any tips that you should consider as you start the year.
- As you begin each *Go Math!* chapter, use the **Show What You Know**, **Lesson Quick Check**, and related formative and summative assessments to diagnose your student's intervention levels.

o   Then use the *Go Math!* RtI resources or refer to this Essential Content Framework for prior year lessons and resources you might assign to your students for remediation.



- As assignments are completed, use the Quick Reports to view progress toward standards by clicking the "Class Program" tab.

- Explore other Assignment and Assessment Reports in Go Math for insight into students' progress on assignments and their results.
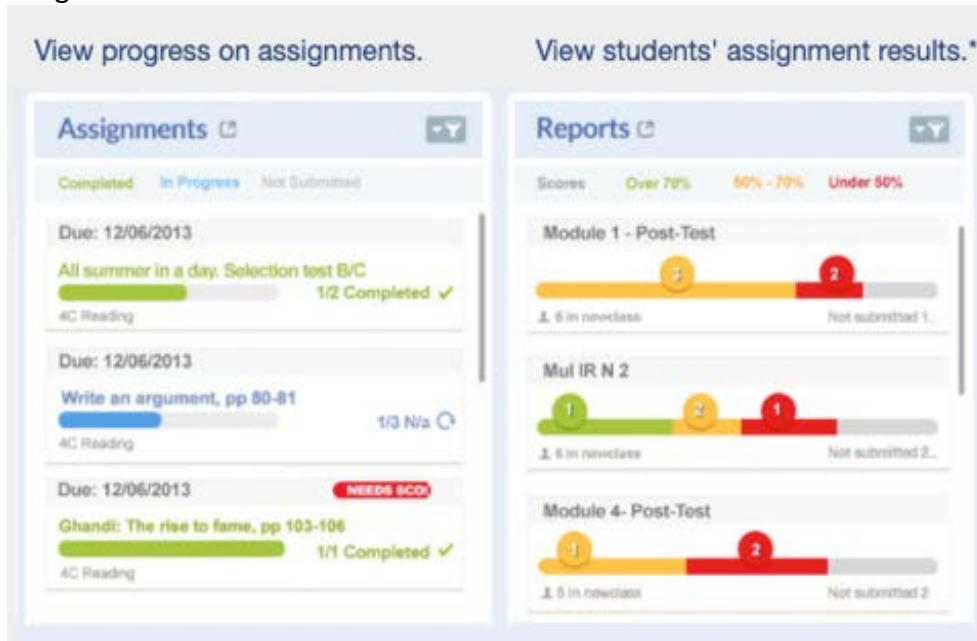


- Learn to look for patterns. After students have completed an assessment, review the reports available for the class and individual students.

**Review Priority Skills and Standards**

Organized in a way to supplement the *Go Math!* Planning Guide, this Essential Content Framework is intended to provide instructional plans and access to lessons and interventions that will allow for students' learning gaps to be addressed throughout the school year.

- Identify the on grade-level lessons aligned with the HMH Priority Standards and, based on what you know about your class assessment reports, choose those prior-year lessons most appropriate for the majority of students in your class.
- Prior to beginning a chapter, use the on-grade chapter's **Show What You Know**, **Lesson Quick Check exercises**, and assessments to identify any learning gaps among the students. You can then use the prior-year lessons online to address these learning gaps.
- Based on your findings, you can also use the differentiated instruction resources in the Chapter Resources, Prerequisite Skills activities in the Teacher Edition, and RtI Intervention Options for each chapter to meet additional students' needs.
- During a lesson, use the Formative Assessment options from each lesson to determine the student's current success with the lesson's learning objective.

**Using this Essential Content Framework**

The Essential Content Framework that follows is for grade K *Go Math!* and covers those HMH Priority Standards identified for grade K. Each HMH Priority Standard is followed by the lessons within the *Go Math!* Chapters that address that priority standard.

For each on-grade HMH Priority Standard, the prior learning lessons are also listed, allowing you to identify *Go Math!* resources you can use to prepare students for the on-grade level lessons.

Chapter 2 of grade K *Go Math!* does not cover an HMH Priority Standard. You should consider your own school's or district's scope and sequence for grade K to decide when to teach this chapter.

# Grade K Priority Standards and Prerequisite Learning Lessons

| Grade-Level Priority Standard | Current Grade K Lessons | Prior Learning Materials |
|---|---|---|
| Count to 100 by ones and by tens. | 8.5, 8.6, 8.7, 8.8 | Chapter 8 Review Prerequisite Skills |
| Write numbers from 0 to 20. Represent a number of objects with a written numeral 0-20 (with 0 representing a count of no objects). | 1.2, 1.4, 1.6, 1.9, 1.10, 3.2, 3.4, 3.6, 3.8, 4.2, 8.2 | Chapter 1 Review Prerequisite Skills<br>Chapter 3 Review Prerequisite Skills<br>Chapter 8 Review Prerequisite Skills |
| Understand the relationship between numbers and quantities; connect counting to cardinality. Understand that the last number name said tells the number of objects counted. The number of objects is the same regardless of their arrangement or the order in which they were counted. | 1.7 | Chapter 1 Review Prerequisite Skills |
| Compare two numbers between 1 and 10 presented as written numerals. | 3.9, 4.7, 8.6 | Chapter 3 Review Prerequisite Skills<br>Chapter 4 Review Prerequisite Skills |
| Represent addition and subtraction with objects, fingers, mental images, drawings, sounds (e.g., claps), acting out situations, verbal explanations, expressions, or equations. | 5.1, 5.2, 5.3, 6.1, 6.2, 6.3 | Chapter 5 Review Prerequisite Skills<br>Chapter 6 Review Prerequisite Skills |
| Decompose numbers less than or equal to 10 into pairs in more than one way, e.g., by using objects or drawings, and record each decomposition by a drawing or equation (e.g., 5 = 2 + 3 and 5 = 4 + 1). | 1.7, 4.1, 5.8, 5.9, 5.10, 5.11, 5.12 | Chapter 5 Review Prerequisite Skills<br>Chapter 6 Review Prerequisite Skills |

| Grade-Level Priority Standard | Current Grade K Lessons | Prior Learning Materials |
|---|---|---|
| Compose and decompose numbers from 11 to 19 into ten ones and some further ones, e.g., by using objects or drawings, and record each composition or decomposition by a drawing or equation (such as 18 = 10 + 8); understand that these numbers are composed of ten ones and one, two, three, four, five, six, seven, eight, or nine ones. | 7.1, 7.2, 7.3, 7.4, 7.5, 7.7, 7.8, 7.9, 7.10 | Chapter 7 Review Prerequisite Skills |
| Directly compare two objects with a measurable attribute in common, to see which object has "more of"/"less of" the attribute, and describe the difference. For example, directly compare the heights of two children and describe one child as taller/shorter. | 11.1, 11.2, 11.3, 11.4 | Chapter 11 Review Prerequisite Skills |
| Classify objects into given categories; count the numbers of objects in each category and sort the categories by count. | 12.1, 12.2, 12.3, 12.4, 12.5 | Chapter 12 Review Prerequisite Skills |
| Describe objects in the environment using names of shapes, and describe the relative positions of these objects using terms such as above, below, beside, in front of, behind, and next to. | 10.8, 10.9, 10.10 | Chapter 10 Review Prerequisite Skills |
| Analyze and compare two- and three-dimensional shapes, in different sizes and orientations, using informal language to describe their similarities, differences, parts (e.g., number of sides and vertices/"corners") and other attributes (e.g., having sides of equal length). | 9.2, 9.4, 9.6, 9.8, 9.10, 9.11, 10.1 | Chapter 9 Review Prerequisite Skills |
| Compose simple shapes to form larger shapes. For example, "Can you join these two triangles with full sides touching to make a rectangle?" | 9.12 | Lessons 9.2, 9.4, 9.6, 9.8, 9.10 |

Use the following links to access prior learning lessons:

Grade K Student Edition
Grade K Teacher Edition

If you are unable to access content from other grade levels on ThinkCentral, click My Account. If additional grade levels do not appear as a clickable option, contact your district's ThinkCentral Administrator. Rostering help is available on the HMH Back to School Support site.

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