

SBAC Success with Next Gen Math

Next Gen Math simplifies the process of preparing students for high-stakes math assessments in grades 3-8 and 11. With 4 easy-to-use tools, the platform helps identify and address learning gaps, while ensuring students are comfortable with the rigor and academic language of the SBAC. Integrate these resources all year long as to boost your SBAC readiness efforts.





Diagnostics

In order to meet students where they are academically, you need to know their starting point! NGM's pre-built diagnostics can help you target instruction based on real-time knowledge of student proficiencies.



- **Unlimited** online and print practice questions
- Use the “**Retake**” option to track progress

6th Grade Readiness Diagnostic

The Readiness Diagnostic (RD) measures prior-grade readiness standards as predictors of grade-level success, with a focus on identifying foundational skills deficiencies. RD spotlights areas where students may have skill gaps, helping teachers pinpoint specific deficits. The goal is to evaluate students' subject readiness for their current grade.

 Preview  Print  Assign

- Test the **previous** year's standards.
- Use at the beginning of the year as an initial **readiness** assessment.
- Use previous year's diagnostic to **fill gaps**.

6th Grade Essential Standards Assessment

Essential Standards Assessments (ESA) are designed to measure students' progress toward end-of-year achievement of the standards. They provide teachers with actionable data to tailor instruction, monitor mastery, and support student growth. These assessments offer quick insights into student abilities and guide future teaching strategies, ensuring all students are supported in reaching grade-level content mastery.

 Preview  Print  Assign

- Test the **end-of-year** standards.
- Use as a **predictor** of CAASPP readiness
- Assign as practice throughout the year and during **SBAC prep**.



Step by Step:
tinyurl.com/dno-ngm

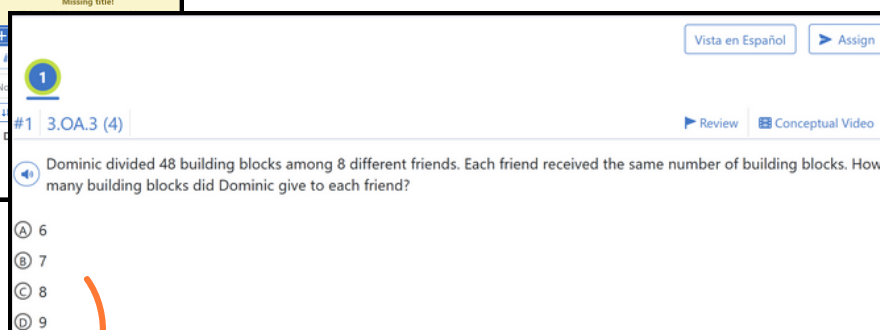


Standards Builder

Create your everyday, standards-based lessons here. The varying question stems help fill the gap between question types in your regular curriculum, offering students experience with the types of questions they'll see on the state tests.



Step by Step:
tinyurl.com/onl-ngm



- Focus on the Major (or priority) standards: Go for the Gold!
- Varied question and response types that resemble many standardized tests.
- Design features familiarize students to online tests.

Lower grade stems that **lead to** target

Grade level target stem

More advanced stems that **build from** target

Algebraic Thinking Diagnostic		
Preview	Print	Assign
No label (optional)		
Sort	Remove duplicates	New
Saved to My Collection		
1. 1.OA.7 (1)	✓ + [icon] [icon]	
2. 2.OA.3 (1)	✓ + [icon] [icon]	
3. 2.OA.4 (1)	✓ + [icon] [icon]	
4. 3.OA.1 (3)	✓ + [icon] [icon]	
5. 3.OA.5 (4)	✓ + [icon] [icon]	
6. 4.NF.4a (3)	✓ + [icon] [icon]	
7. 4.OA.1 (1)	✓ + [icon] [icon]	
8. 5.NF.3 (6)	✓ + [icon] [icon]	
9. 5.NF.5a (1)	✓ + [icon] [icon]	
10. 5.NF.5b (2)	✓ + [icon] [icon]	
11. 5.NF.6 (3)	✓ + [icon] [icon]	

- The **Progression Playlist** finds prerequisite stems with the click of a button.
- Use it as a **diagnostic** to find learning gaps.
- Use it to create practice assignments based on **related** standards.




Step by Step:
tinyurl.com/gpl-ngm



Target Practice




Target Practice offers practice in grade-level targets, or clusters of standards. Each Target Practice card includes a description of the target and all of the standards that are covered within that target. Major Standards are yellow gold, Supporting Standards are blue.





6 | Target G

Represent and analyze quantitative relationships between dependent and independent variables.

Standards: EE.9

 Preview


 Print


 Assign


6 | Target H

Solve real-world and mathematical problems involving area, surface area, and volume.


Standards: G.1, G.2, G.3, G.4

 Preview

 Print

 Assign

- **Unlimited** print and online questions.
- Easily find the **standards** that are part of each target group.
- Use as **Spiral Review** as you prepare for CAASPP
- Avoid test fatigue with these **bite-sized** practice assessments.

 1 2 3 4 5 6 7 8 9 10

Vista en Español > Assign

#1 6.RP.1 (2) Review Conceptual Video

London has 2 orange tomatoes and 3 red tomatoes. Select the ratios that compare the number of red tomatoes to the total number of tomatoes. Mark all that apply.

A. ☐ 3:5

B. ☐ 3 to 5

C. ☐ $\frac{3}{5}$

on ☐ Dynamic Questions off ☐ Shuffled Order

Students receive different questions from the same stems in the same order.

1 of 10 Previous Next Check Answer Draw Report an issue List view Exit

Use for **practice** by:

- Leaving videos on
- Pairing students and leaving **dynamic questions** on
- Assign **blended learning** assignments based on student performance



Step by Step:
tinyurl.com/tpr-ngm



Domain Assessments

Each Domain consists of groups of targets that fall under the broad Domain category. Our Domain Assessments offer practice for each of these Domains. The Summative Assessments cover **all** grade level Domains, Targets, and Standards.



- **Summative Assessments** include all grade level domains
- Similar to a **Claim 1** Assessment

6 | Summative

Create a quick benchmark-style assessment inclusive of all domains.

☐ off **Instructional videos**

☒ on **Dynamic Questions** ☒ on **Shuffled Order**

Students receive different questions from the same stems in a shuffled order.

Preview Print Assign



Step by Step:
tinyurl.com/sas-ngm

6 | Expressions & Equations

Target alignment:

E: EE.1, EE.2a, EE.2c, EE.3, EE.4

F: EE.5, EE.6, EE.7, EE.8

G: EE.9

Preview

Print

Assign

Try using these to build test-taking stamina!

- Use **Domain Assessments** to get big-picture data
- Easily find **target groups** within each domain.
- Color-coded: Go for Gold!
- **Unlimited** print and online practice questions

6 | Geometry

Target alignment:

H: G.1, G.2, G.3, G.4

Preview

Print

Assign



Step by Step:
tinyurl.com/das-ngm

