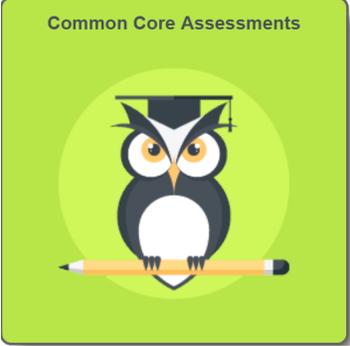
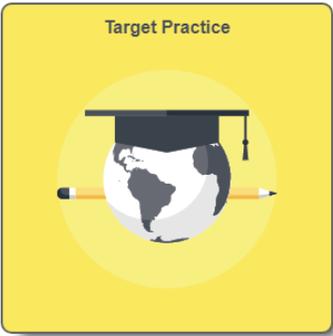


## Next Gen Math Training Guide Index

Click on the link below to learn more about topics of interest related to the SBAC aligned tiles, or read through the entire guide for a more intentional experience inclusive of summaries and checking for understanding. This document is a great resource to utilize for site level training or a quick reference to navigate the various tiles.

<b><u>Common Core Assessment Tile</u></b>	<b><u>Target Tile</u></b>	<b><u>Standards Tile</u></b>
 <p><a href="#">Common Core Assessments</a></p> <p><a href="#">Unique Features</a></p> <p><a href="#">Steps for Creating Print or Online Assignments</a></p> <p><a href="#">Checking Your Understanding</a></p> <p><a href="#">Tile Summary</a></p> <p><a href="#">Scavenger Hunt &amp; Reflection</a></p>	 <p><a href="#">Target Practice</a></p> <p><a href="#">Unique Features</a></p> <p><a href="#">Steps for Creating Print or Online Assignments</a></p> <p><a href="#">Checking Your Understanding</a></p> <p><a href="#">Tile Summary</a></p> <p><a href="#">Scavenger Hunt &amp; Reflection</a></p>	 <p><a href="#">Standards Practice</a></p> <p><a href="#">Unique Features</a></p> <p><a href="#">Steps for Creating Print or Online Assignments</a></p> <p><a href="#">Checking Your Understanding</a></p> <p><a href="#">Tile Summary</a></p> <p><a href="#">Scavenger Hunt &amp; Reflection</a></p>

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## Common Core Assessments

**Administer the summative assessment to receive baseline information about how students might perform on the computer adaptive portion of the SBAC. Generate formative assessments aligned to item specifications at the click of a button.**

**Unique Feature:** The summative assessment consists of rigorous Common Core items inspired by the SBAC item specifications. The assessments can be accessed by clicking on the Common Core Assessment Tile and then selecting either the printer icon for the pdf version or the computer icon for the online version. Data on student performance can be pulled from all assignments administered online. Virtually endless versions of the assessment can be generated through a unique algorithm allowing for multiple benchmarks to be generated at the click of a button allowing for minute by minute progress monitoring

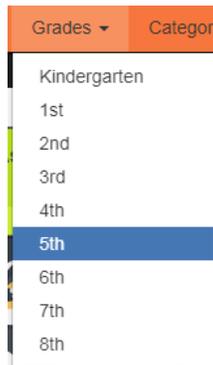
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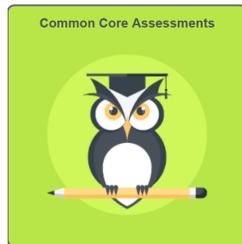
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## Steps for creating assignments from the Common Core Assessment Tile:

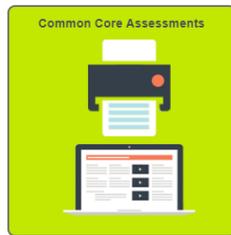
**Step 1:** Select a testing grade (3rd - 8th) from the Drop down menu



**Step 2:** Click on the Common Core Assessment tile



**Step 3:** Select the printer icon on top to access a PDF version of the assessment.  
Select the computer icon on the bottom to access the online version

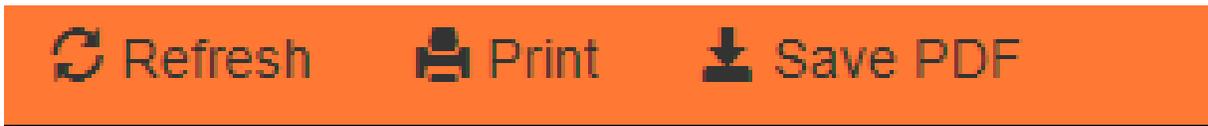


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**Step 4:** Select either the summative or one of the formative (domain) assessment links to generate a test.

**Step 5 (Print):** Click on “Refresh” in the orange bar to generate multiple versions of the assessment. The Print Option and Save to PDF to are also in the orange bar. For the best results when printing, it is recommended that you print from the PDF.



**Step 5 (Online):** Click “Assign” in the orange bar to assign online to your students.



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**Step 6:** Name the assignment, select a label in the dropdown and give it a due date. Set time parameters in the “Available After” and “Available Before” windows if you would like to limit student access after class hours. (This is typically done when an assessment is administered over several days to prevent students from accessing tests from home). Next, add all students (or select individual students) and click assign. Select “Exit” to return to the target options.

## Create Assignment

---

**Name your assignment**

**Label**

**Assign on**  **Due by (optional)**

**Available after (optional)**  **Available before (optional)**

Sections Intervention

**Filter by Grade**  **Filter by Period**

**Choose the students to assign to**

---

---

## Checking Your Understanding of the Common Core Assessment Tile

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Complete and check off each of the tasks listed below.

Check	Task
	<ul style="list-style-type: none"><li>● Build and save PDF in the Assessment Tile. Remember, to select the printer icon to generate PDF versions of an assessment.</li></ul>
	<ul style="list-style-type: none"><li>● Utilize the refresh key in the orange bar to see on the assessment changes</li></ul>
	<ul style="list-style-type: none"><li>● Push an assessment online. Remember to select the computer icon after flipping the tile when pushing out assignments online.</li></ul>
	<ul style="list-style-type: none"><li>● View your online assessment in the “Assignments” tab of the roster file via “My Account” and then “My Classroom”</li></ul>

### Common Core Assessment Tile Summary:

- The summative assessment is reflective of Claim 1 on the SBAC blueprint, which focuses on the Common Core State Standards
- The summative assessment is similar in nature to the interim or benchmark assessment
- The domain assessments are formative assessments
- All items in these assessments are built using the SBAC item specifications and SBAC blueprints
- In the online format, each student receives a different version of the assessment but with the same standards and question stems
- In the print format, each student receives the same version of the same assessment. Assessments generated in print format must be hand scored.

### Common Core Assessment Scavenger Hunt and Reflection

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1. How were the assessments designed? What data do they provide?
2. What is the main difference between a print and an online assessment?
3. List the clicks and steps to push an online assessment to students.
4. Discuss a best practice for using this assessment throughout the year.

**Target Tile**

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**This tile houses the Common Core State Standards organized by targets or clusters allowing teachers to strategically monitor student progress on a cluster of related standards. Quickly learn which standards are related to the various targets using this tile. Priority and supporting clusters are color coded to allow for instant identification of targets and standards that will be emphasized on the SBAC.**

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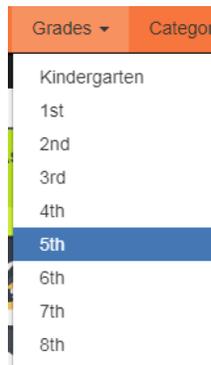
**Unique Feature:** The SBAC Mathematics Blueprint is organized by Claims and Targets and contains useful information about the weighting of various targets and the number of questions that will appear on the assessment within a range of those targets. However, utilizing this information strategically in the classroom is difficult without knowing which standards fall under the respective target. Additionally samples of the standards are not included on these blueprints. The claim tile solves these issues by systematically organizing the Common Core Math Standards within each target and providing sample released question items for each target within a cluster of standards. Moreover, each target is dynamic yielding unlimited versions of target practice within the dynamic Next Gen Math platform. A color coding system enables teachers to clearly identify priority targets covered under each target. When assigning these assessments online, each student receives a unique target assessment.

**Steps for utilizing the Target Practice beginning at the Home page:**

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**Step 1:** Select a grade from the Drop down menu



**Step 2:** Click on the “Target Practice” tile



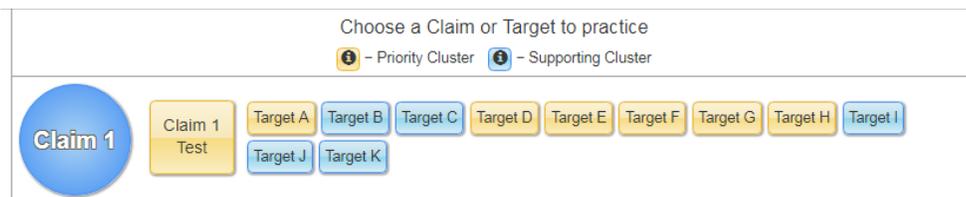
**Step 3:** Select the printer icon on top to access a PDF version of the assessment.  
Select the computer icon on the bottom to access the online version



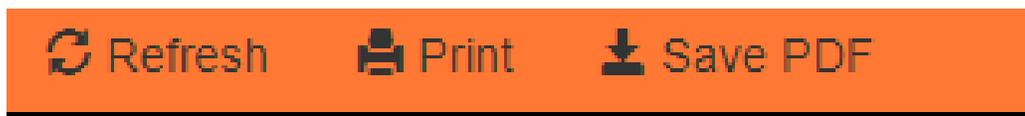
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**Step 4:** Hover over the target to see related standards. Select a target to view the Questions. (Reminder: The yellow targets contain a cluster of standards that will appear more frequently on the SBAC. The blue tiles contain clusters of supporting standards that appear less frequently).



**Step 5 (Print):** Click on “Refresh” in the orange bar to see multiple versions of the assessment. To save a print version of the test, click on “Save to PDF” in the orange bar. (Note: The Save PDF link is only available to schools that have an annual subscription. Trial accounts do not have access to this link).



**Step 5 (Online)** Click “Assign” in the orange bar to name the assignment, label it and give it a due date, set time parameters if needed, add students and confirm. Select “Exit” to return to the target options.



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## Checking Your Understanding of the Target Tile

Complete and check off each of the tasks listed below.

Check	Task
	<ul style="list-style-type: none"><li>● Mouse over the targets to identify the related standards</li></ul>
	<ul style="list-style-type: none"><li>● Click on a print version of a target and view the items</li></ul>
	<ul style="list-style-type: none"><li>● Refresh the print version three times to view different versions of the same target practice</li></ul>
	<ul style="list-style-type: none"><li>● Create an online target-based assignment to your students</li></ul>
	<ul style="list-style-type: none"><li>● Recall the meaning of the color coding of the tiles</li></ul>
	<ul style="list-style-type: none"><li>● What is another name for a target?</li></ul>

## Target Tile Summary

- The Claim tile presents relevant SBAC Blueprint information in a clear and meaningful way allowing teachers to use it for strategic instructional planning
- Each target include clusters of standards
- All items are aligned with item specifications
- Priority and supporting clusters help teachers easily identify which targets are going to be emphasized on the SBAC
- All items are dynamic in nature

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## Scavenger Hunt and Reflection for Target Tile

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1. Use the target tile to identify and list the priority and supporting clusters/targets for your grade level
2. Select and mouse over two priority targets. What cluster of standards are related to these targets?
3. Which SBAC document do you think idea of the Target Tile come from in Next Gen Math and why?
4. How does the Target tile help you “work smart” when instructional time is limited?

## Standards Practice Tile

**Quickly generate customized print or online assignments in the Standards Tile. This tile houses the standards and various SBAC question stems for grades 3-8 and the CA Framework sample stems for grades K-2. Rigorous and aligned quizzes, spiral ongoing spiral review, problem of the day, exit tickets, intervention curriculum, homework, class practice and assignments can be easily customized based on data and teacher discretion.**

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**Standards Practice Tile Unique Feature:** The Standards Practice Tile organizes the standards by grade and includes multiple question stems for each standard. (Question stems are based on the SBAC item specifications and represent various ways a standard might appear on the SBAC). A unique assignment generator allows for the quick creation of assignments unique to individual student needs. Major and supporting standards are color coded to allow for instant identification of standards that will be emphasized on the SBAC.

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The system utilizes an algorithm to create questions dynamically, resulting in a robust nearly endless item bank. In addition, teachers can use this feature in the following ways:

- Customize assignments by dragging and dropping standards to quickly generate test, homework, exit tickets, intervention material, class activities, practice worksheet etc.
- Whole class spiral review
- Supplement textbooks lessons with questions that are rigorous and aligned to SBAC assessments
- Calibrate textbook units to ensure that material is aligned to the Common Core State Standard
- Gain an understanding of the variety of ways that a given standard may be assessed
- Prepare students for the question types and vocabulary that may appear on the SBAC

### Steps for accessing the Standards Tile from Home

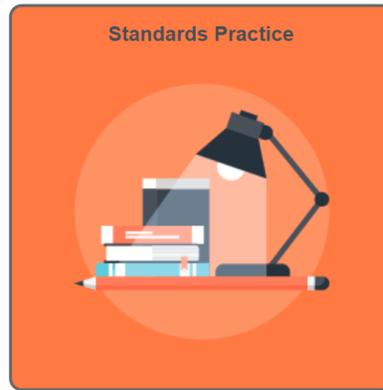
**Step 1:** Select a grade from the drop down menu



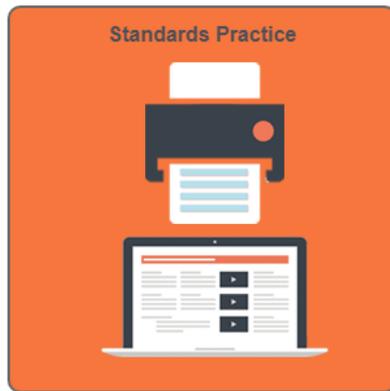
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**Step 2:** Click on the Standards Practice tile



**Step 3:** Select the printer icon on top to access a PDF version of the assessment. Select the computer icon on the bottom to access the online version



--Continues on next page --

**Step 4:** Hover of the standards to see each question stem. Yellow standards are

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major standards with more questions on the SBAC (according to the SBAC Math Blueprint). Blue standards are supporting standards with fewer questions on the CAASPP.

Select from these 196 stem formats

 - Major
  - Supporting

**Ratios & Proportional Relationships**

**RP**

RP.1	RP.1	RP.1	RP.1	RP.2	RP.2	RP.2	RP.2	RP.3a						
RP.3a	RP.3a	RP.3a	RP.3b	RP.3c	RP.3c	RP.3c	RP.3c	RP.3c						
RP.3c	RP.3d													
RP.3d														

**The Number System**

**NS**

NS.1	NS.2	NS.2	NS.2	NS.2											
NS.3	NS.4	NS.4	NS.4	NS.4	NS.4	NS.4	NS.5								
NS.5	NS.5	NS.5	NS.5	NS.6a	NS.6a	NS.6c									
NS.6c	NS.7a	NS.7a	NS.7a	NS.7b	NS.7b	NS.7b	NS.7b	NS.7b	NS.7c	NS.7c	NS.7c	NS.7c	NS.7c	NS.7d	NS.7d
NS.7d	NS.8	NS.8	NS.8	NS.8											

**Expressions & Equations**

**EE**

EE.1	EE.1	EE.1	EE.1	EE.2a	EE.2a	EE.2a	EE.2b	EE.2c						
EE.2c	EE.2c	EE.2c	EE.2c	EE.3	EE.4	EE.4								
EE.4	EE.4	EE.4	EE.4	EE.5										
EE.5	EE.6	EE.6	EE.7	EE.8	EE.8	EE.8	EE.9	EE.9						
EE.9														

**Geometry**

**G**

G.1	G.2																
G.3	G.3	G.3	G.3	G.4	G.4	G.4	G.4										

**Builder**





Print
Online

No label ▾

---

**Title**

Drag & drop standards here

**Step 5:** Drag and drop at least three questions into the space under “Builder.” Add a title and select a label. To generate a print version, select the orange “Print” button and the “Save and View Test” arrow located between the bin and the question mark icon under “Builder”

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Or

To push out an online assignment to students, select blue “Online” button and then click on the arrow located between the trash can and the question mark icon under the “Builder”

Watch the video 

**Builder**

**Print** **Online**

No label ▼

**Title**

1. NBT.2		
2. NBT.3b		
3. NBT.5		

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## Standard Practice Checking Your Understanding Activity

Check	Task
	<ul style="list-style-type: none"><li>Click on a standard to see how many default question stems appear. Hit refresh in the orange bar to see the dynamic nature of the practice</li></ul>
	<ul style="list-style-type: none"><li>Hover over the standards to view the question stems. Notice the number of various item types for each standard.</li></ul>
	<ul style="list-style-type: none"><li>Build a PDF assignment by dragging and dropping standards into the Assignment Title window with at least three different standard</li></ul>
	<ul style="list-style-type: none"><li>Build an online assignment by dragging and dropping standards into the Assignment Title window</li></ul>

### Summary of Standards Tile

- Quickly build customize practice tailored to individual student needs
- Learn how one standard can have multiple ways of being assessed
- Gain insight into the various question stems available on SBAC item specifications
- Visually see which standards are *Major* (emphasized) on the SBAC and which standards are *Supporting* (less emphasized)
- Calibrate your textbook curriculum by comparing the question stems in Next Gen Math to the practice question in each unit of the district adopted textbooks
- Drag and drop the same standard and question stem to generate practice on a given stem

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### Standards Tile Scavenger Hunt and Reflection

- How can you generate a quick 3 question PDF on a given standard and question stem?
- What are the steps for generating an online customized assignment?

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3. What color are the standards that will be more emphasized on the SBAC? What color are those that will be less emphasized. What is the designed language for the emphasized standard and the less emphasized standard?
4. Discuss ways to use the Standards Practice tile in grade level collaboration?

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