

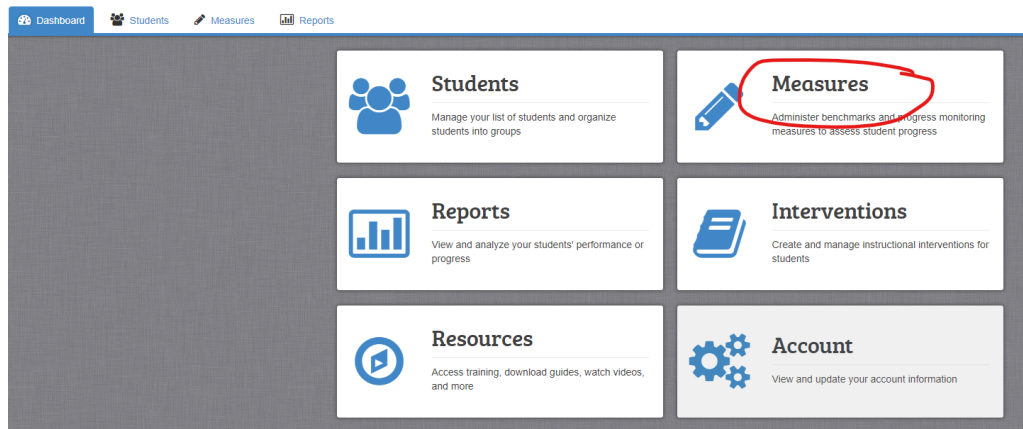
EasyCBM Basic Math Cheat sheet - Oct 2022

What is EasyCBM Basic Math?

- EasyCBM Basic Math is available for K-8 instructional levels, with 3 focal point areas to choose from in each grade.
- Each progress monitoring test has 16 items, and is untimed.
- It usually takes students 8-15 minutes to complete.
- The test can be administered online, or as a paper/pencil test if you prefer.
- The test is administered monthly, but if you need to administer more than one focal point area, you may test every other week, rotating which test is given each time.

1. **Create EasyCBM Lite account** (free): <https://easycbm.com/>
2. **Browse measures** & consider which assessment you will use for monitoring math concepts & applications skills.

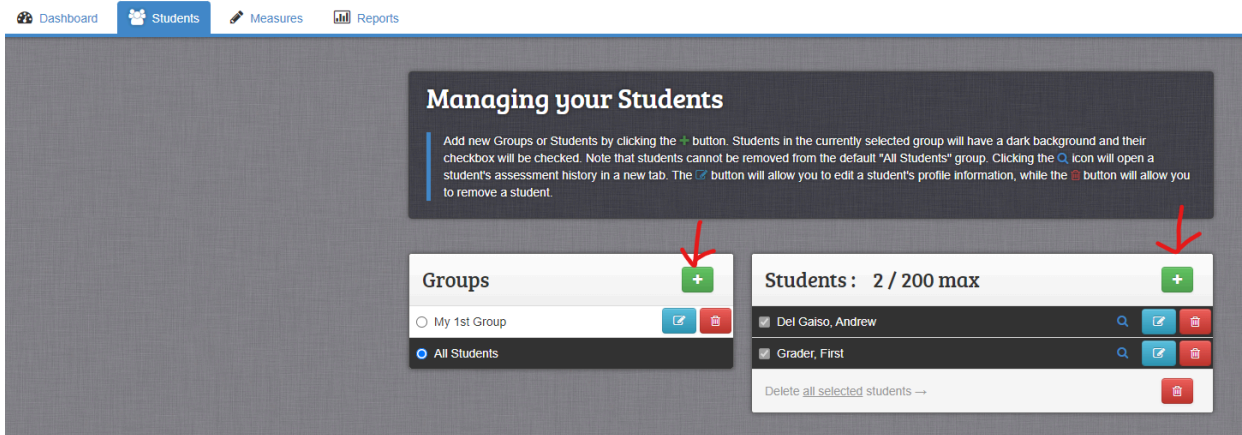
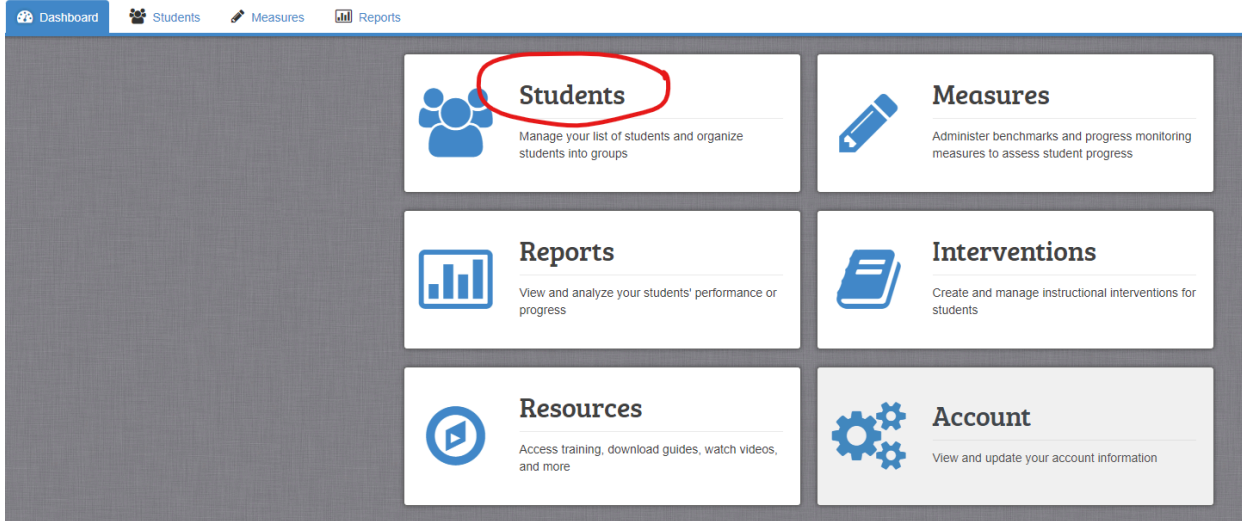
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Grade	PM option 1	PM option 2	PM option 3
K	Numbers & Operations	Geometry	Measurement
1	Numbers & Operations	Geometry	Numbers & Operations & Algebra
2	Numbers & Operations	Measurement	Numbers & Operations & Algebra
3	Numbers & Operations	Geometry	Numbers & Operations & Algebra
4	Numbers & Operations	Measurement	Numbers & Operations & Algebra
5	Numbers & Operations	Geometry, Measurement and Algebra	Numbers & Operations & Algebra
6	Numbers & Operations	Algebra	Numbers & Operations and Ratios
7	Numbers & Operations, Algebra, and Geometry	Geometry, Measurement, and Algebra	Numbers & Operations & Algebra
8	Algebra	Geometry & Measurement	Data Analysis, Numbers & Operations and Algebra

3. Add students & groups

- Navigate to the students page, and enter info for each student.
- Create group names, so students will be able to find their class when logging in (example names might be: 4th grade, 6th hour, etc).



4. Download paper copies or assign online test

- a. Next, you will navigate to the measures page, and print out the paper-pencil student copy if you want them to complete it that way, OR mark the box next to the test you want your students to take online.

[Measures](#) [Reports](#)

Math: Basic Math Measurement

	Paper/Pencil	Online
Basic Math Measurement 4_1	Student Copy Enter Scores	<input type="checkbox"/> Take Online (Preview)
Basic Math Measurement 4_2	Student Copy Enter Scores	<input type="checkbox"/> Take Online (Preview)
Basic Math Measurement 4_3	Student Copy Enter Scores	<input type="checkbox"/> Take Online (Preview)
Basic Math Measurement 4_4	Student Copy Enter Scores	<input type="checkbox"/> Take Online (Preview)
Basic Math Measurement 4_5	Student Copy Enter Scores	<input type="checkbox"/> Take Online (Preview)
Basic Math Measurement 4_6	Student Copy Enter Scores	<input type="checkbox"/> Take Online (Preview)
Basic Math Measurement 4_7	Student Copy Enter Scores	<input type="checkbox"/> Take Online (Preview)
Basic Math Measurement 4_8	Student Copy Enter Scores	<input type="checkbox"/> Take Online (Preview)
Basic Math Measurement 4_9	Student Copy Enter Scores	<input type="checkbox"/> Take Online (Preview)

[Measures](#) [Reports](#)

Math: Basic Math Measurement

	Paper/Pencil	Online
Basic Math Measurement 4_1	Student Copy Enter Scores	Hide options <input checked="" type="checkbox"/> Take Online (Preview)
Which Groups? check all unchecked all <input type="checkbox"/> 2nd grade <input type="checkbox"/> All Students <input type="checkbox"/> My 1st Group		
Basic Math Measurement 4_2	Student Copy Enter Scores	<input type="checkbox"/> Take Online (Preview)
Basic Math Measurement 4_3	Student Copy Enter Scores	<input type="checkbox"/> Take Online (Preview)
Basic Math Measurement 4_4	Student Copy Enter Scores	<input type="checkbox"/> Take Online (Preview)
Basic Math Measurement 4_5	Student Copy Enter Scores	<input type="checkbox"/> Take Online (Preview)
Basic Math Measurement 4_6	Student Copy Enter Scores	<input type="checkbox"/> Take Online (Preview)
Basic Math Measurement 4_7	Student Copy Enter Scores	<input type="checkbox"/> Take Online (Preview)
Basic Math Measurement 4_8	Student Copy Enter Scores	<input type="checkbox"/> Take Online (Preview)
Basic Math Measurement 4_9	Student Copy Enter Scores	<input type="checkbox"/> Take Online (Preview)

Student Feedback: ☐ Simple thank-you
☐ Overall score
☒ Detailed scoring

5. Administer test

- If administering tests online, students will then go to the login link provided on your measures page, select their group & name, and take the test.
- If administering paper/pencil, you will distribute paper/pencil tests & have them complete them.



Dashboard Students Measures Reports

Measures on easyCBM

Select the grade level difficulty of the measure you want to access, then scroll to its section. For measures that can be administered online, have your students visit the link below and follow the on-screen instructions. For Benchmark measures, you will need to upgrade to [Teacher Deluxe](#). For Progress Monitoring measures, mark the checkbox next to each measure you want listed for your students. An answer key for the Benchmark measures is provided below.

<https://app.easycbm.com/akdelgaiso>

6. Grade and/or view results

- If administered online, the system scores the answers as the student provides them. As soon as students have finished the test their scores appear on the teacher report tab.
- If administered paper/pencil, there is a button on the measures page (next to where you download the test) that says "enter scores." There are no answer keys provided, but rather you enter their response for each item & the computer scores accordingly. Make sure you edit the date of the test as needed, and enter results next to the correct student's name.

Measures Reports

Teacher Data Entry

Math_Measurement_4_1.pdf

Select each multiple choice answer just as the student answered each question. When you are finished entering data for a particular student, click the Save button.

Date students took measure: 10/6/22

Student	Data Entry	Save																																																																
Del Gaiso, Andrew	<div>MATH_MDA 4_1</div> <table><tr><td>1.</td><td>A</td><td>B</td><td>C</td></tr><tr><td>2.</td><td>A</td><td>B</td><td>C</td></tr><tr><td>3.</td><td>A</td><td>B</td><td>C</td></tr><tr><td>4.</td><td>A</td><td>B</td><td>C</td></tr><tr><td>5.</td><td>A</td><td>B</td><td>C</td></tr><tr><td>6.</td><td>A</td><td>B</td><td>C</td></tr><tr><td>7.</td><td>A</td><td>B</td><td>C</td></tr><tr><td>8.</td><td>A</td><td>B</td><td>C</td></tr><tr><td>9.</td><td>A</td><td>B</td><td>C</td></tr><tr><td>10.</td><td>A</td><td>B</td><td>C</td></tr><tr><td>11.</td><td>A</td><td>B</td><td>C</td></tr><tr><td>12.</td><td>A</td><td>B</td><td>C</td></tr><tr><td>13.</td><td>A</td><td>B</td><td>C</td></tr><tr><td>14.</td><td>A</td><td>B</td><td>C</td></tr><tr><td>15.</td><td>A</td><td>B</td><td>C</td></tr><tr><td>16.</td><td>A</td><td>B</td><td>C</td></tr></table>	1.	A	B	C	2.	A	B	C	3.	A	B	C	4.	A	B	C	5.	A	B	C	6.	A	B	C	7.	A	B	C	8.	A	B	C	9.	A	B	C	10.	A	B	C	11.	A	B	C	12.	A	B	C	13.	A	B	C	14.	A	B	C	15.	A	B	C	16.	A	B	C	<div>Save</div>
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16.	A	B	C																																																															

7. Set a Goal!

- After administering the first assessment, go to the Reports tab & view the student's baseline score (on reports page, click "individuals" tab, and then click the student's name to view their graph).
- Use the [EasyCBM Basic Math Norm Tables](#) to select a goal. Here's an example: In the graph below, my student scored 5 points, which is well below the 10th percentile compared to Numbers & Operations winter norms. Thus I set my goal to be at the 10th percentile by spring, which is 9 points correct.
 - If the student is well below the 10th percentile, aim for the spring 10th percentile.
 - If the student is between the 10th & 25th percentile, aim for the 25th percentile.
- Click Goals to enter your selected goal, and click interventions to add an intervention line to your chart.

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Step 1: Click Reports tab

Dashboard | Students | Measures | **Reports**

Reports and Analysis

To view a **Group** report, click on the name of the group, and all of their active CBMs will appear below. Select a CBM name to see a summary and list of student scores. Then click "View" to see a student's actual submission. Select the **Individuals** subsection for easy one-click access to system wide data by student.

Step 2: Click Individuals tab

Groups | **Individuals**

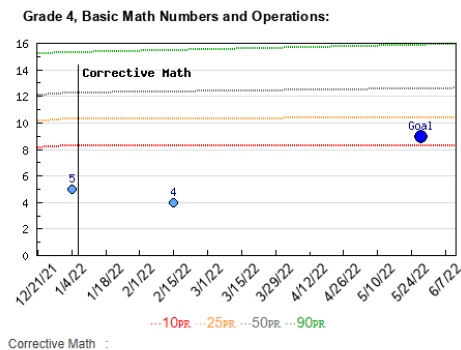
Students

Step 3: Click student's name to view PM graphs

	Student Name	Tests Complete	Goals	Interventions
1	Del Gaiso, Andrew	4	Goals	Interventions
2	Grader, First	2	Goals	Interventions

Step 4: Click goals or interventions to edit

Basic Math Numbers and Operations



	CBM Name	View Test	Score
1	Basic Math Nums and Ops 4_1	View	5 / 16 (31%)
2	Basic Math Nums and Ops 4_2	View	4 / 16 (25%)

Grade 5 Basic Math Measures

Percentile	Number & Operations			Geometry, Measurement, Algebra			Number, Operations, & Algebra		
	Fall	Win	Spr	Fall	Win	Spr	Fall	Win	Spr
10th	7	8	9	9	9	10	6	8	9
25th	9	10	11	10	11	13	8	11	12
50th	11	12	14	12	13	14	11	13	15
75th	13	14	16	14	15	16	13	15	16
90th	14	16	16	15	16	16	15	16	16

8. Things to know when interpreting results!

- Items on the Basic Math progress monitoring tests increase in difficulty from Item 1 through Item 16, with one exception.
- On every test, Item #5 is actually the most difficult item (based on our pilot studies of the items). Item #16 is actually the fifth-easiest item. We made the Item 5/Item 16 substitution on each form to provide teachers with additional information.
- If students get Item 6, 7, and 8 correct but misses Item 16, it is likely that they simply stopped trying by the end of the test, because the last item should be easier than the items that come before it.