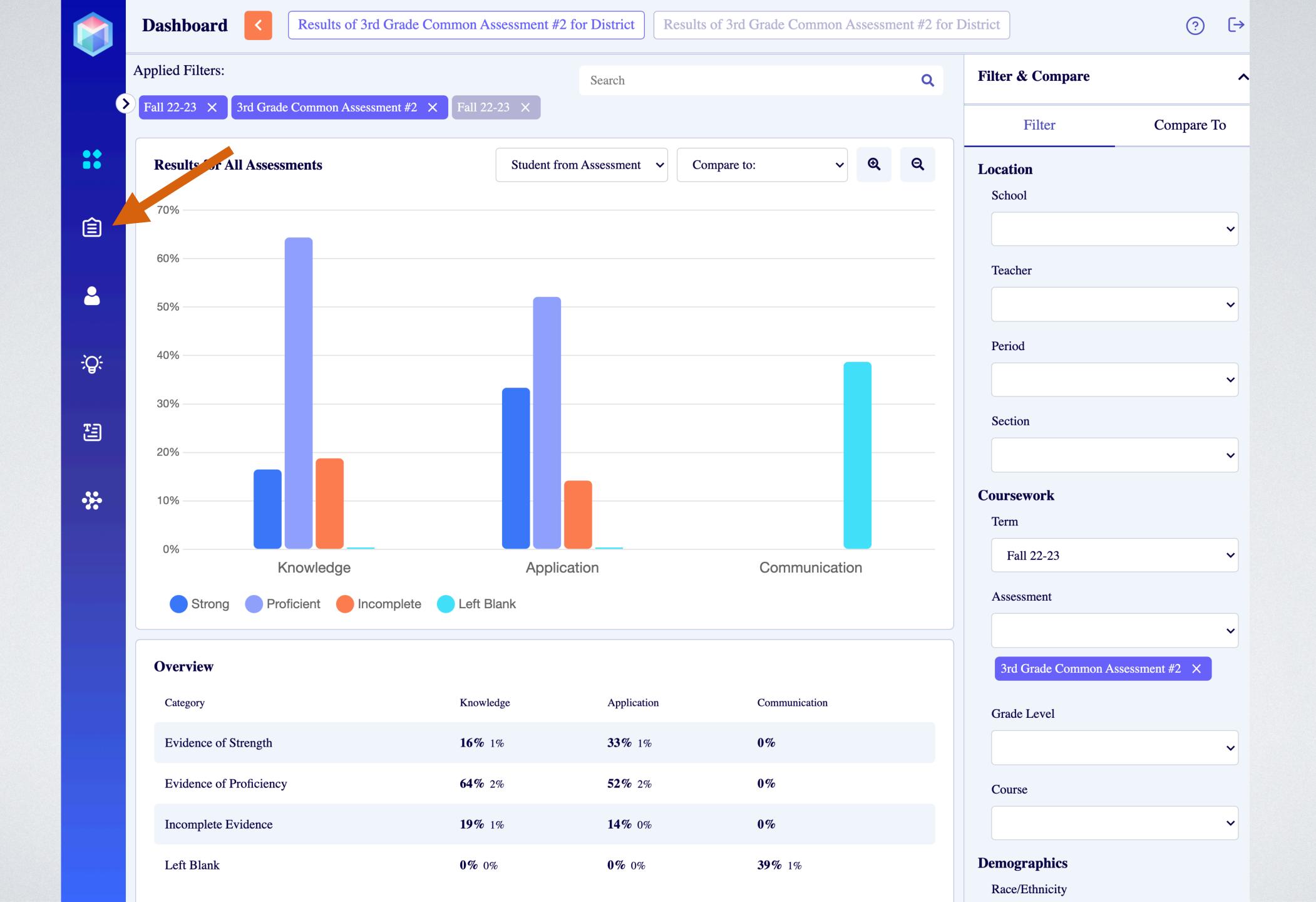
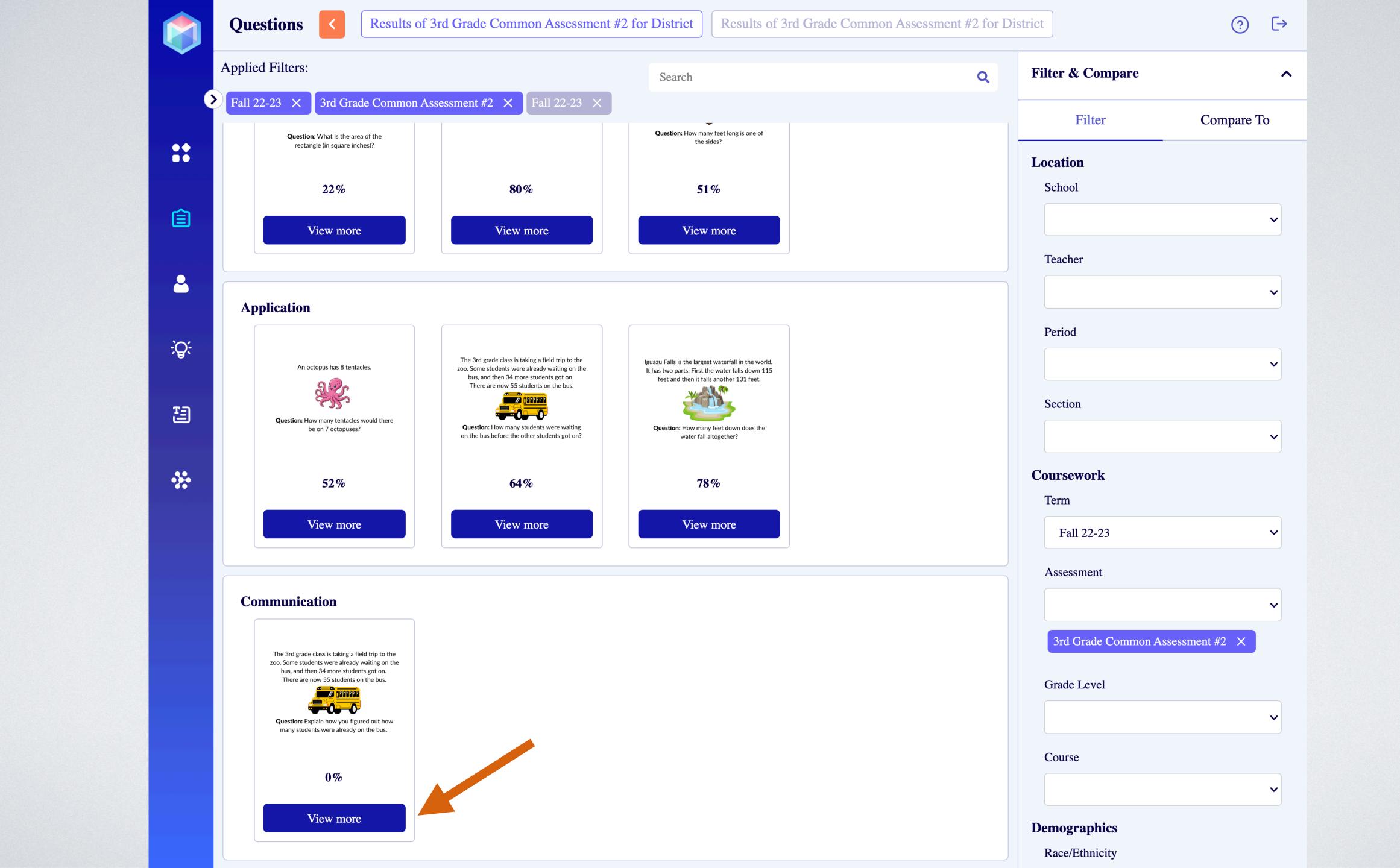
## UNDERSTANDING THE COMMUNICATION DATA







Alavez Carmona, Salma	Nancy	Unit Rate	divide how long it takes them to run 2 laps by 2.	cl
Albernaz, Emily	Nancy	Unit Rate	so first i divided 2 and 6.10 for Kevin and got 3.50 then i did the same thing for Nancy i divided 3 and 9.06 and got 3.02.	Мс
Albinana, Christopher	Nancy	Unit Rate	because Nancy did 3 laps and if he ran each lap at the same time she would run each lap 3:02. Kevin ran two so if he ran the laps at the exact same time he would get 3:05	mCL
Albino, Joyce	Nancy	Assorted Calculations	because her time was 9 min. and 6 sec. for 3 laps	mC
Albor Padilla, Jazlyn	Nancy	Uses Tools, Math or Context	well Nancy ran more laps in only 9 mins and 6 secounds instead of kevin	C
Alcantara Martinez, Alan	Kevin	Uses Tools, Math or Context	because kevin runs faster	С
Alcantara Torres, Alexander	Nancy	Common Laps/Common Time	Kevin runs 1 lap in 3 minutes and 5 seconds by the time he gets to 3 he will have 9 minutes and 15 seconds so nancy ran faster with 9 minutes and 6 seconds.	CL
Alfaro Martinez, Osmin	Nancy			
Alfaro Martinez, Osmar	Nancy	Assorted Calculations	she can do 1 lap in 3:20	mc
Ali, Daniyal	Kevin	Uses Tools, Math or Context	Because Kevin did 2 laps in 10 seconds and Nancy ran 3 laps in minutes and 6 second so there is difference about 3 minutes.	С

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so first i divided 2 and 6.10 for Kevin and got 3.50 then i did the same thing for Nancy i divided 3 and 9.06 and got 3.02.	Mc
because Nancy did 3 laps and if he ran each lap at the same time she would run each lap 3:02. Kevin ran two so if he ran the laps at the exact same time he would get 3:05	mCL
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well Nancy ran more laps in only 9 mins and 6 secounds instead of kevin	C
because kevin runs faster	c
Kevin runs 1 lap in 3 minutes and 5 seconds by the time he gets to 3 he will have 9 minutes and 15 seconds so nancy ran faster with 9 minutes and 6 seconds.	CL

## WHAT IS MCL?

Mathematize

What math did they do? How did they "set up" the problem?

Connection to Context

Did they tie it back to the problem? Did they indicate the units?

Logically Complete Does it make sense?

How does it connect to the solution?

Why did they do the math they did?

Mathematize

"It works because 8x10=80 and 10x8=80"

Connection to Context

"If you buy 4 packs of burgers and 5 packs of buns you would have the same amount of burgers and buns and you wouldn't have any extra buns or burgers."

Mathematize

Connection to Context

Logically Complete

I think Amy should buy 4 packs of hamburgers and 5 packs of buns because  $10 \times 4 = 40$  and  $5 \times 8 = 40$  it will be the same for hamburgers and buns they are both 40

## **Student Answers for Results of All Assessments**

## What is the MCL Framework?

Student ID	Student Name	Answer	Most Likely Way Of Thinking	Explanation	Quality Of Explanation
48530	Aaland, Skyler	Yes, there is a situation.	Uses Tools, Math or Context	I guess it is possible, because they worked the same hours and had the same amount of money.	C
53514	Aceituno Chanure, Aron	No, there is not a situation.	No, because they have different rates or starting amounts.	The reason why not is because Simone is making more money then Tony	cl
49831	Acevedo Sosa, Emily	Yes, there is a situation.			



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