

**Vertical Scaled Score Ranges Observed for Winter 2022/2023 Growth Assessments:  
Grades 3 - 8 Mathematics**

	Range 1	Range 2	Range 3	Range 4
<b>Grade 3 Mathematics</b>	1059 through 1288	1289 through 1356	1357 through 1416	1417 through 1770
<b>Grade 4 Mathematics</b>	1059 through 1345	1346 through 1400	1401 through 1461	1462 through 1828
<b>Grade 5 Mathematics</b>	1052 through 1393	1394 through 1461	1462 through 1532	1533 through 1836
<b>Grade 6 Mathematics</b>	1060 through 1441	1442 through 1498	1499 through 1550	1551 through 1832
<b>Grade 7 Mathematics</b>	1110 through 1477	1478 through 1539	1540 through 1594	1595 through 1832
<b>Grade 8 Mathematics</b>	1170 through 1510	1511 through 1567	1568 through 1621	1622 through 1815

Range 1	Range 2	Range 3	Range 4
The student's score fell in the lowest 25% of all scores across the state in winter 2022/2023.	The student's score fell in the middle 50% of all scores across the state in winter 2022/2023.		The student's score fell in the highest 25% of all scores across the state in winter 2022/2023.
25%	25%	25%	25%

- Range 1 - Vertical Scaled Scores in this range are **lower than 75%** of all scores on the growth assessment in winter 2022/2023.  
 Range 2 - Vertical Scaled Scores in this range are **higher than 25% and lower than 50%** of all scores on the growth assessment in winter 2022/2023.  
 Range 3 - Vertical Scaled Scores in this range are **higher than 50% and lower than 25%** of all scores on the growth assessment in winter 2022/2023.  
 Range 4 - Vertical Scaled Scores in this range are **higher than 75%** of all scores on the growth assessment in winter 2022/2023.

Revised March 8, 2023

**Vertical Scaled Score Ranges Observed for Winter 2022/2023 Growth Assessments:  
Grades 3 - 8 Reading**

	Range 1	Range 2	Range 3	Range 4
<b>Grade 3 Reading</b>	970 through 1329	1330 through 1449	1450 through 1545	1546 through 1870
<b>Grade 4 Reading</b>	970 through 1421	1422 through 1522	1523 through 1611	1612 through 1920
<b>Grade 5 Reading</b>	1013 through 1472	1473 through 1565	1566 through 1646	1647 through 1929
<b>Grade 6 Reading</b>	1050 through 1506	1507 through 1601	1602 through 1683	1684 through 1977
<b>Grade 7 Reading</b>	1100 through 1544	1545 through 1636	1637 through 1714	1715 through 1935
<b>Grade 8 Reading</b>	1150 through 1556	1557 through 1642	1643 through 1721	1722 through 1943

Range 1	Range 2	Range 3	Range 4
The student's score fell in the lowest 25% of all scores across the state in winter 2022/2023.	The student's score fell in the middle 50% of all scores across the state in winter 2022/2023.		The student's score fell in the highest 25% of all scores across the state in winter 2022/2023.
25%	25%	25%	25%

- Range 1 - Vertical Scaled Scores in this range are **lower than 75%** of all scores on the growth assessment in winter 2022/2023.  
 Range 2 - Vertical Scaled Scores in this range are **higher than 25% and lower than 50%** of all scores on the growth assessment in winter 2022/2023.  
 Range 3 - Vertical Scaled Scores in this range are **higher than 50% and lower than 25%** of all scores on the growth assessment in winter 2022/2023.  
 Range 4 - Vertical Scaled Scores in this range are **higher than 75%** of all scores on the growth assessment in winter 2022/2023.

Revised March 8, 2023