Student achievement norms

The norms in the tables below have a very straightforward interpretation. For example, in the achievement norms for reading, grade 2 students in the fall had a mean score of 172.35 and a standard deviation of 15.19. To get a sense of how much variation there was, the SD of 15.19 can be subtracted from the mean and added to the mean to produce a range of about 157–188. Since the norms are based on the bell curve, we know that 68% of all grade 2 reading scores are expected to fall within this range.

2020 Reading Student Achievement Norms

	Fall		Winter		Spring	
Grade	Mean	SD	Mean	SD	Mean	SD
K	136.65	12.22	146.28	11.78	153.09	12.06
1	155.93	12.66	165.85	13.21	171.40	14.19
2	172.35	15.19	181.20	15.05	185.57	15.49
3	186.62	16.65	193.90	16.14	197.12	16.27
4	196.67	16.78	202.50	16.25	204.83	16.31
5	204.48	16.38	209.12	15.88	210.98	15.97
6	210.17	16.46	213.81	15.98	215.36	16.03
7	214.20	16.51	217.09	16.21	218.36	16.38
8	218.01	17.04	220.52	16.69	221.66	16.87
9	218.90	19.02	220.52	18.73	221.40	19.03
10	221.47	17.92	222.91	17.81	223.51	18.20
11	223.53	17.73	224.64	17.80	224.71	18.50
12	223.80	19.32	223.85	21.21	224.33	23.08

2020 Mathematics Student Achievement Norms

	Fall		Winter		Spring	
Grade	Mean	SD	Mean	SD	Mean	SD
K	139.56	12.45	150.13	11.94	157.11	12.03
1	160.05	12.43	170.18	12.59	176.40	13.18
2	175.04	12.98	184.07	13.01	189.42	13.44
3	188.48	13.45	196.23	13.64	201.08	14.11
4	199.55	14.40	206.05	14.90	210.51	15.56
5	209.13	15.19	214.70	15.88	218.75	16.70
6	214.75	16.12	219.56	16.74	222.88	17.47
7	220.21	17.41	224.04	17.96	226.73	18.60
8	224.92	18.94	228.12	19.33	230.30	19.95
9	226.43	19.83	228.67	20.06	230.03	20.63
10	229.07	20.23	231.21	20.61	232.42	21.25
11	231.72	20.61	233.49	20.91	234.25	21.65
12	233.02	21.60	233.31	23.07	234.19	24.63

2020 Language Usage Student Achievement Norms

	Fall		Winter		Spring	
Grade	Mean	SD	Mean	SD	Mean	SD
2	173.98	16.06	183.83	15.40	188.40	15.89
3	187.71	15.33	195.14	14.64	198.32	14.65
4	197.33	15.10	202.87	14.44	205.00	14.33
5	204.17	14.55	208.45	13.98	210.19	13.90
6	209.43	14.35	212.81	13.92	214.19	13.94
7	212.65	14.72	215.28	14.39	216.47	14.42
8	215.54	14.74	217.73	14.45	218.74	14.56
9	216.68	15.52	218.18	15.30	219.00	15.51
10	218.82	15.10	220.19	15.11	220.86	15.45
11	220.66	14.94	221.86	14.98	222.33	15.53

2020 General Science Student Achievement Norms

	Fall		Winter		Spring	
Grade	Mean	SD	Mean	SD	Mean	SD
2	177.70	13.43	184.59	12.35	187.87	12.46
3	187.84	12.25	193.29	11.63	195.88	11.76
4	194.65	11.68	199.15	11.50	201.22	11.75
5	200.23	11.77	204.30	11.72	206.17	12.12
6	203.86	12.04	207.26	12.02	208.47	12.41
7	206.56	12.65	209.50	12.73	210.61	13.17
8	209.64	13.25	212.41	13.17	213.44	13.64
9*	211.40	14.10	213.42	14.17	213.99	14.72
10*	213.24	14.26	214.95	14.42	215.29	15.07

* These science status norms describe the distributions of achievement in general science academic skills and content knowledge for the relevant student populations for these grades and are useful for screening and placement purposes. Test results should not be used to evaluate performance where science content is more specialized, such as in topically differentiated high school science courses (e.g., biology, chemistry, physics).