

To interpret screening results, schools often use benchmarks and cut scores. These scores help educators identify which students require some form of intervention to accelerate growth and move toward benchmark, and which students are already at or above benchmark.

Please note: the table below includes benchmarks for a specific point in time. For the most precise benchmarks based on the exact day(s) your students were tested, rely on the Star<sup>®</sup> reports.

**Benchmarks** are the minimum performance levels students are expected to reach by certain points of the year in order to meet end-of-year performance goals. The end-of-year benchmark typically represents the minimum level of performance required by state or local standards. Benchmarks are always grade specific, e.g., the 3rd grade benchmark.

A **cut score** is used to determine which students may need additional assistance to move toward the end-of-year benchmark.

## Star Math Enterprise Benchmarks and Cut Scores<sup>a</sup>

a. The Star Math benchmarks are based on 2017 norms.

b. Below 10 - Urgent Intervention; Below 25 - Intervention; At/Above 40 - Benchmark

Grade	Percentile <sup>b</sup>	Fall (September)	Winter (January)	Spring (May)
		Scaled Score	Scaled Score	Scaled Score
1	10	150	209	266
	20	188	248	306
	25	204	262	321
	40	240	298	357
	50	264	323	379
	75	331	386	441
	90	392	446	498
2	10	300	347	392
	20	344	386	430
	25	360	401	441
	40	396	435	475
	50	415	456	495
	75	469	510	550
	90	518	560	602

		Fall (September)	Winter (January)	Spring (May)
Grade	Percentile <sup>b</sup>	Scaled Score	Scaled Score	Scaled Score
3	10	392	428	464
	20	431	472	511
	25	446	487	527
	40	482	523	565
	50	501	544	586
	75	555	597	640
	90	604	644	685
4	10	466	496	527
	20	514	544	573
	25	531	560	589
	40	566	597	627
	50	589	620	651
	75	644	677	708
	90	693	726	757
5	10	527	553	579
	20	575	602	628
	25	592	618	646
	40	633	659	683
	50	654	680	708
	75	716	740	766
	90	770	794	818
6	10	583	609	633
	20	636	657	679
	25	654	674	695
	40	698	718	737
	50	723	744	763
	75	789	807	823
	90	835	857	882
7	10	612	630	646
	20	667	682	696
	25	688	701	714
	40	735	748	763
	50	765	778	792
	75	830	843	857
	90	879	898	916
8	10	630	646	662
	20	692	706	723
	25	713	726	740
	40	766	779	791
	50	796	809	820
	75	866	880	893
	90	922	940	958

		Fall (September)	Winter (January)	Spring (May)
Grade	Percentile <sup>b</sup>	Scaled Score	Scaled Score	Scaled Score
9	10	643	661	679
	20	705	716	729
	25	724	737	748
	40	779	787	796
	50	805	814	822
	75	870	882	892
	90	931	947	963
10	10	638	656	674
	20	703	714	727
	25	724	735	748
	40	781	791	801
	50	807	817	827
	75	875	887	898
	90	937	953	970
11	10	683	688	695
	20	735	740	747
	25	753	760	766
	40	802	809	815
	50	828	835	841
	75	898	905	911
	90	973	978	983
12	10	695	700	703
	20	747	750	753
	25	770	774	779
	40	817	823	828
	50	843	848	854
	75	913	918	921
	90	989	994	999