

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[®] 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 Unified Benchmarks and Cut Scores^a

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

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

Grade	Percentile ^b	Fall (September)	Winter (January)	Spring (May)
		Scaled Score	Scaled Score	Scaled Score
1	10	700	736	771
	20	723	760	796
	25	733	769	805
	40	755	791	827
	50	770	806	841
	75	811	845	879
	90	849	882	914
2	10	792	821	849
	20	819	845	872
	25	829	854	879
	40	851	875	900
	50	863	888	912
	75	896	921	946
	90	926	952	978

		Fall (September)	Winter (January)	Spring (May)
Grade	Percentile ^b	Scaled Score	Scaled Score	Scaled Score
3	10	849	871	893
	20	873	898	922
	25	882	907	932
	40	904	929	955
	50	916	942	968
	75	949	975	1001
	90	979	1004	1029
4	10	894	913	932
	20	924	942	960
	25	934	952	970
	40	956	975	993
	50	970	989	1008
	75	1004	1024	1043
	90	1034	1054	1073
5	10	932	948	964
	20	961	978	994
	25	972	988	1005
	40	997	1013	1028
	50	1010	1026	1043
	75	1048	1063	1079
	90	1081	1096	1111
6	10	966	982	997
	20	999	1012	1025
	25	1010	1022	1035
	40	1037	1049	1061
	50	1052	1065	1077
	75	1093	1104	1114
	90	1121	1135	1150
7	10	984	995	1005
	20	1018	1027	1036
	25	1031	1039	1047
	40	1060	1068	1077
	50	1078	1086	1095
	75	1118	1126	1135
	90	1148	1160	1171
	10	995	1005	1015
	20	1033	1042	1052
	25	1046	1054	1063
	40	1079	1087	1094
	50	1097	1105	1112
	75	1140	1149	1157
	90	1175	1186	1197

		Fall (September)	Winter (January)	Spring (May)
Grade	Percentile ^b	Scaled Score	Scaled Score	Scaled Score
9	10	1003	1014	1025
	20	1041	1048	1056
	25	1053	1061	1068
	40	1087	1092	1097
	50	1103	1108	1113
	75	1143	1150	1156
	90	1180	1190	1200
10	10	1000	1011	1022
	20	1040	1047	1055
	25	1053	1060	1068
	40	1088	1094	1100
	50	1104	1110	1116
	75	1146	1153	1160
	90	1184	1194	1204
11	10	1028	1031	1035
	20	1060	1063	1067
	25	1071	1075	1079
	40	1101	1105	1109
	50	1117	1121	1125
	75	1160	1164	1168
	90	1206	1209	1212
12	10	1035	1038	1040
	20	1067	1069	1071
	25	1081	1084	1087
	40	1110	1114	1117
	50	1126	1129	1133
	75	1169	1172	1174
	90	1216	1219	1222