

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 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 grade-specific minimum performance levels that students are expected to reach by certain points of the year in order to meet end-of-year performance goals. A Percentile Rank (PR) of 40 is a **cut score** that serves as a proficiency benchmark; students whose test scores place them in a Percentile Rank of 40 or higher will likely meet end-of-year performance goals as defined by the state or local standards. Cut scores of PR 25 and PR 10 also serve as benchmarks—however, these benchmarks are used to help teachers determine appropriate instruction for different groups of students.

Reading Unified Benchmarks and Cut Scores^a

a. The Reading benchmarks are based on 2017 norms.
 b. Below 10 - Urgent Intervention; Below 25 - Intervention; At/Above 40 - Benchmark.
 c. Est. ORF: Estimated Oral Reading Fluency is only reported for grades 1–4.

Grade	Percentile ^b	Fall (September)		Winter (January)		Spring (May)	
		Scaled Score	Est. ORF ^c	Scaled Score	Est. ORF ^c	Scaled Score	Est. ORF ^c
K	10	621	–	666	–	709	–
	20	651	–	692	–	733	–
	25	662	–	702	–	741	–
	40	689	–	730	–	768	–
	50	703	–	743	–	784	–
	75	740	–	784	–	826	–
	90	781	–	825	–	867	–
1	10	690	0	726	9	760	16
	20	720	7	754	15	788	22
	25	730	9	764	17	799	24
	40	751	15	789	22	828	31
	50	767	17	806	26	846	38
	75	819	28	856	43	893	62
	90	873	53	905	69	938	86

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Renaissance Star Reading and Star Early Literacy: Unified Benchmarks and Cut Scores

Grade	Percentile ^b	Fall (September)		Winter (January)		Spring (May)	
		Scaled Score	Est. ORF ^c	Scaled Score	Est. ORF ^c	Scaled Score	Est. ORF ^c
2	10	794	24	819	29	846	37
	20	822	30	849	39	877	52
	25	835	33	862	44	888	57
	40	867	47	893	59	917	72
	50	887	56	911	68	935	83
	75	937	83	958	97	981	111
	90	978	109	998	121	1019	139
3	10	864	48	883	54	901	59
	20	896	57	913	64	931	72
	25	908	63	925	70	942	78
	40	938	76	955	85	969	95
	50	955	85	971	95	986	105
	75	999	112	1013	121	1027	132
	90	1034	138	1048	150	1063	161
4	10	913	62	924	67	937	73
	20	942	76	955	83	965	89
	25	954	82	965	89	976	95
	40	982	98	993	105	1005	111
	50	999	107	1009	114	1020	120
	75	1037	133	1050	141	1063	148
	90	1071	154	1084	178	1098	190
5	10	948	-	959	-	969	-
	20	981	-	990	-	1000	-
	25	992	-	1002	-	1012	-
	40	1020	-	1030	-	1040	-
	50	1036	-	1046	-	1056	-
	75	1074	-	1085	-	1097	-
	90	1109	-	1122	-	1133	-
6	10	982	-	989	-	999	-
	20	1013	-	1022	-	1030	-
	25	1024	-	1033	-	1041	-
	40	1051	-	1060	-	1070	-
	50	1067	-	1077	-	1087	-
	75	1109	-	1119	-	1129	-
	90	1142	-	1153	-	1165	-
7	10	1002	-	1009	-	1015	-
	20	1033	-	1040	-	1047	-
	25	1044	-	1051	-	1058	-
	40	1073	-	1081	-	1088	-
	50	1090	-	1098	-	1105	-
	75	1133	-	1142	-	1152	-
	90	1172	-	1180	-	1190	-

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Grade	Percentile ^b	Fall (September)		Winter (January)		Spring (May)	
		Scaled Score	Est. ORF ^c	Scaled Score	Est. ORF ^c	Scaled Score	Est. ORF ^c
8	10	1022	–	1029	–	1034	–
	20	1054	–	1060	–	1067	–
	25	1065	–	1073	–	1080	–
	40	1095	–	1102	–	1109	–
	50	1114	–	1121	–	1128	–
	75	1158	–	1166	–	1175	–
	90	1194	–	1204	–	1214	–
9	10	1041	–	1048	–	1056	–
	20	1074	–	1080	–	1085	–
	25	1085	–	1091	–	1097	–
	40	1115	–	1119	–	1125	–
	50	1131	–	1135	–	1142	–
	75	1176	–	1180	–	1183	–
	90	1216	–	1217	–	1217	–
10	10	1057	–	1057	–	1058	–
	20	1085	–	1088	–	1090	–
	25	1098	–	1099	–	1101	–
	40	1125	–	1129	–	1131	–
	50	1142	–	1146	–	1149	–
	75	1186	–	1189	–	1191	–
	90	1217	–	1218	–	1220	–
11	10	1057	–	1061	–	1067	–
	20	1090	–	1094	–	1098	–
	25	1101	–	1105	–	1109	–
	40	1131	–	1135	–	1139	–
	50	1149	–	1152	–	1156	–
	75	1193	–	1196	–	1197	–
	90	1220	–	1220	–	1220	–
12	10	1065	–	1070	–	1073	–
	20	1101	–	1104	–	1105	–
	25	1114	–	1115	–	1118	–
	40	1145	–	1146	–	1148	–
	50	1160	–	1163	–	1165	–
	75	1200	–	1204	–	1207	–
	90	1227	–	1227	–	1228	–

