

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 Reading Enterprise Benchmarks and Cut Scores^a

a. The Star 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	12	-	37	-	58	-
	20	28	-	51	-	65	-
	25	35	-	56	-	68	-
	40	50	-	64	-	75	-
	50	57	-	68	-	80	-
	75	67	-	80	-	104	-
	90	79	-	102	-	182	-
1	10	51	0	63	9	73	16
	20	61	7	71	15	82	22
	25	64	9	74	17	86	24
	40	71	15	82	22	105	31
	50	75	17	89	26	139	38
	75	97	28	159	43	230	62
	90	194	53	255	69	323	86

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	84	24	97	29	139	37
	20	100	30	147	39	199	52
	25	114	33	170	44	222	57
	40	182	47	230	59	279	72
	50	219	56	265	68	317	83
	75	319	83	367	97	421	111
	90	413	109	463	121	519	139
3	10	176	48	213	54	247	59
	20	236	57	269	64	306	72
	25	261	63	294	70	332	78
	40	323	76	360	85	392	95
	50	362	85	394	95	435	105
	75	467	112	505	121	548	132
	90	567	138	615	150	669	161
4	10	269	62	292	67	319	73
	20	332	76	360	83	380	89
	25	357	82	380	89	409	95
	40	424	98	455	105	479	111
	50	465	107	494	114	522	120
	75	577	133	619	141	669	148
	90	703	154	780	178	855	190
5	10	345	-	369	-	392	-
	20	421	-	449	-	469	-
	25	453	-	472	-	499	-
	40	525	-	555	-	584	-
	50	570	-	606	-	640	-
	75	722	-	790	-	851	-
	90	908	-	964	-	1051	-
6	10	424	-	446	-	465	-
	20	505	-	528	-	555	-
	25	537	-	561	-	590	-
	40	626	-	660	-	698	-
	50	684	-	731	-	795	-
	75	908	-	952	-	1015	-
	90	1116	-	1191	-	1244	-
7	10	472	-	492	-	508	-
	20	561	-	584	-	609	-
	25	601	-	626	-	651	-
	40	713	-	762	-	806	-
	50	811	-	855	-	895	-
	75	1051	-	1124	-	1181	-
	90	1279	-	1309	-	1322	-

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	528	-	552	-	567	-
	20	633	-	660	-	689	-
	25	680	-	713	-	753	-
	40	847	-	882	-	908	-
	50	921	-	958	-	994	-
	75	1214	-	1250	-	1293	-
	90	1327	-	1336	-	1343	-
9	10	590	-	615	-	640	-
	20	717	-	753	-	790	-
	25	790	-	817	-	851	-
	40	925	-	952	-	975	-
	50	1026	-	1066	-	1116	-
	75	1298	-	1309	-	1315	-
	90	1343	-	1344	-	1344	-
10	10	648	-	648	-	651	-
	20	790	-	800	-	811	-
	25	855	-	865	-	878	-
	40	981	-	1004	-	1026	-
	50	1124	-	1149	-	1167	-
	75	1318	-	1321	-	1324	-
	90	1344	-	1344	-	1345	-
11	10	648	-	664	-	684	-
	20	811	-	836	-	855	-
	25	878	-	895	-	908	-
	40	1026	-	1059	-	1097	-
	50	1172	-	1186	-	1204	-
	75	1325	-	1328	-	1330	-
	90	1345	-	1345	-	1345	-
12	10	680	-	698	-	713	-
	20	878	-	887	-	895	-
	25	921	-	931	-	942	-
	40	1141	-	1149	-	1162	-
	50	1224	-	1232	-	1244	-
	75	1332	-	1336	-	1339	-
	90	1346	-	1346	-	1346	-