



INSIGHTS THAT CONNECT GROWTH AND PERFORMANCE

Linking Data Table: Smarter Balanced & MAP

Northwest Evaluation Association™ (NWEA™) completed a study to connect RIT scores™ from Measures of Academic Progress® (MAP®) interim assessments with the scale of Smarter Balanced Assessment Consortia (Smarter Balanced) summative assessments in math and English language arts (ELA).

This linking data table conveys this valuable information so you can see where your students are now, develop growth goals for the coming year, and create instructional strategies to meet them. Data from your fall, winter, and spring MAP administrations will show you how your students are growing toward those goals and guide instructional decisions to keep students on track.

Concordance between MAP RIT scores and Smarter Balanced cut scores

Subject	Grade	Smarter Balanced				MAP RIT			
		Level 1	Level 2	Level 3	Level 4	Level 1	Level 2	Level 3	Level 4
		Not Met	Nearly Met	Met	Exceeded	Not Met	Nearly Met	Met	Exceeded
ELA	3	2114–2366	2367–2431	2432–2489	2490–2623	100–190	191–201	202–210	211–350
	4	2131–2415	2416–2472	2473–2532	2533–2663	100–199	200–208	209–216	217–350
	5	2201–2441	2442–2501	2502–2581	2582–2701	100–203	204–213	214–224	225–350
	6	2210–2456	2457–2530	2531–2617	2618–2724	100–205	206–217	218–230	231–350
	7	2258–2478	2479–2551	2552–2648	2649–2745	100–209	210–221	222–234	235–350
	8	2288–2486	2487–2566	2567–2667	2668–2769	100–211	212–224	225–238	239–350
Math	3	2189–2380	2381–2435	2436–2500	2501–2621	100–193	194–203	204–214	215–350
	4	2204–2410	2411–2484	2485–2548	2549–2659	100–201	202–216	217–228	229–350
	5	2219–2454	2455–2527	2528–2578	2579–2700	100–213	214–228	229–237	238–350
	6	2235–2472	2473–2551	2552–2609	2610–2748	100–216	217–229	230–239	240–350
	7	2250–2483	2484–2566	2567–2634	2635–2778	100–220	221–234	235–245	246–350
	8	2265–2503	2504–2585	2586–2652	2653–2802	100–227	228–241	242–251	252–350

Data used in this study were collected from 87 schools in California, 44 schools in Washington, and seven schools in Maine. The data contained matched Smarter Balanced and MAP math scores from a total of 39,582 students from grades 3 – 8 and matched Smarter Balanced ELA and MAP reading scores from 39,530 students from Grades 3 – 8 who completed both Smarter Balanced and MAP tests in the spring of 2015. Equipercetile procedure (Kolen & Brennan, 1995¹) with these matched scores was used to determine the concordance between Smarter Balanced and MAP test scores and identify third and eighth grade cut scores on MAP Math and Reading scales that correspond to performance level cut scores on the Smarter Balanced tests.

Need help understanding how to apply this data? Contact NWEA Partner Support at 877-469-3287

¹ Kolen, M. J., & Brennan, R. L. (1995). Test equating: methods and practices. New York: Springer.