Comparative data to inform instructional decisions

To help provide context to MAP® Growth™ normative percentiles, this document includes multiple **College and Career Readiness (CCR)** benchmarks, including those from **ACT**®, **SAT**®, and **Smarter Balanced Assessment Consortium (Smarter Balanced)**.

When you're armed with MAP Growth interim assessment data, you're better prepared to meet your students when and where they need you most.

Use the comparative data in the tables below as one of your data points for instructional decision-making. While not intended for use as a single placement guide, these data can help inform a variety of programmatic and instructional decisions, including:

- identifying and qualifying students for various instructional strategies
- guiding teachers who do not regularly make decisions on instructional program choices for students
- scheduling and grouping to meet students' learning needs
- screening for special or alternative instruction
- staffing and resourcing

About each chart†

- The grade designations represent beginning-of-year grade levels
- The RIT scores defining each level are separated by ½ standard deviation, except for the lowest and highest levels, which are set at the 5th and 95th percentiles respectively
- At all levels, consider differentiated instruction, flexible grouping, or tiered instruction
- As scores ascend, give more consideration to curriculum compacting, accelerated instructional pacing, and special programs
- As scores descend, give more consideration to additional instructional time, one-on-one tutoring, use of short-cycle assessments, and special programs

The instructional suggestions in this document are intended to provide initial ideas, not to be an exhaustive list of options.

READING		K	1	2	3	4	5	6	7	8	9	10	11	12	2020 Norms percentile
CCR (Smarter Balanced Level 3)	Spring				202	209	214	218	222	225					56-61
CCR (ACT >= 22)	Spring						215	220	224	227	230	232*			60-67
CCR (ACT >= 24)	Spring						218	223	227	230	233	234*			68-73
CCR (SAT >= 480)	Spring						209	214	218	220	222	225*			45-53
NWEA	Fall	157	177	197	214	224	231	237	241	246	250	251	253	256	95
NWEA	Fall	149	169	187	203	213	221	227	231	235	238	239	241	243	84
NWEA	Fall	143	162	180	195	205	213	218	222	226	228	230	232	233	69
NWEA median	Fall	137	156	172	187	197	204	210	214	218	219	221	224	224	50
NWEA	Fall	131	150	165	178	188	196	202	206	210	209	213	215	214	31
NWEA	Fall	124	143	157	170	180	188	194	198	201	200	204	206	205	16
NWEA	Fall	117	135	147	159	169	178	183	187	190	188	192	194	191	5

Higher achievement ↕ Lower achievement

*CCR benchmarks are projections in growth from grade 9.

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MATHEMATICS														
		K	1	2	3	4	5	6	7	8	9	10	11	12	2020 Norms percentile
CCR (Smarter Balanced Level 3)	Spring				204	217	229	230	235	242					58-73
CCR (ACT >= 22)	Spring						226	232	238	243	246	248*			66-78
CCR (ACT >= 24)	Spring						230	237	243	248	252	254*			75-86
CCR (SAT >= 530)	Spring						225	232	237	241	243	245*			64-73
NWEA	Fall	160	181	196	211	223	234	241	249	256	259	262	266	269	95
NWEA	Fall	152	172	188	202	214	224	231	238	244	246	249	252	254	84
NWEA	Fall	146	166	181	195	207	217	223	229	234	236	239	242	244	69
NWEA median	Fall	140	160	175	188	200	209	215	220	225	226	229	232	233	50
NWEA	Fall	133	154	169	182	192	202	207	212	216	217	219	222	222	31
NWEA	Fall	127	148	162	175	185	194	199	203	206	207	209	211	212	16
NWEA	Fall	119	140	154	166	176	184	188	192	194	194	196	198	197	5

*CCR benchmarks are projections in growth from grade 9.

Higher achievement ↕ Lower achievement

LANGUAGE USAGE												
		2	3	4	5	6	7	8	9	10	11	2020 Norms percentile
NWEA	Fall	200	213	222	228	233	237	240	242	244	245	95
NWEA	Fall	190	203	212	219	224	227	230	232	234	236	84
NWEA	Fall	182	195	205	211	217	220	223	224	226	228	69
NWEA median	Fall	174	188	197	204	209	213	216	217	219	221	50
NWEA	Fall	166	180	190	197	202	205	208	209	211	213	31
NWEA	Fall	158	172	182	190	195	198	201	201	204	206	16
NWEA	Fall	148	163	172	180	186	188	191	191	194	196	5

Higher achievement ↕ Lower achievement

SCIENCE											
		2	3	4	5	6	7	8	9*	10*	2020 Norms percentile
NWEA	Fall	200	208	214	220	224	227	231	235	237	95
NWEA	Fall	191	200	206	212	216	219	223	225	227	84
NWEA	Fall	184	194	200	206	210	213	216	218	220	69
NWEA median	Fall	178	188	195	200	204	207	210	211	213	50
NWEA	Fall	171	182	189	194	198	200	203	204	206	31
NWEA	Fall	164	176	183	189	192	194	196	197	199	16
NWEA	Fall	156	168	175	181	184	186	188	188	190	5

Higher achievement ↕ Lower achievement

*General science status norms for grades 9 and 10 should not be used to evaluate performance in topically differentiated high school science courses where science content is more specialized.

The comparative data included in the tables provides information from both the fall and spring. Norming data is provided for the fall term to aid in placement, screening, and scheduling/grouping decisions at the beginning of the year. Conversely, college readiness information (Smarter Balanced, ACT, SAT) is displayed for the spring term. This provides educators with end-of-year scores, for the purposes of student goal setting, to help get students to the point where they are on track to being college ready.

†The 2020 norms data represented in this document is based on norms updates as of July 2020.

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