

USING ROI GROWTH NORMS TO SET PROGRESS MONITORING GOALS

Rate of Improvement Goal Setting Formula

Baseline Score + (Growth Norm ROI x # weeks of instruction) = GOAL

_____ + (_____ x _____) = _____

Fall – Winter (____ weeks)

**ROI Growth Norms in parentheses are winter-to-spring values, as there is no calculated norm for fall-to-winter in that measure.*

***This table contains the growth norms at the 85th percentile (ambitious) for the “Very Low” and “Low” categories and the 65th percentile (slightly higher than a typical year’s worth of growth) for the “Average,” “High,” and “Very High” categories.*

Grade	Measure	Very Low	Low	Average		High	Very High
		1 st -10 th pctl	11 th -25 th pctl	26 th -75 th pctl		76 th -90 th pctl	91 st -99 th pctl
		Red	Yellow	Green		Blue	White
K	LNF	2.52	2.56	Winter target: 38	1.58	1.23	.93
	LSF	(1.87)	(1.82)	Winter target: 20	(.93)	(.57)	(.36)
	OC	3.21	3.04	Winter target: 57	1.72	1.11	.64
	NI	2.68	2.46	Winter target: 45	1.17	.32	.99
	QD	1.20	1.16	Winter target: 16	.70	.31	.03
	MN	(.79)	.81	Winter target: 9	.51	.38	.18
1	PSF	2.81	2.17	Winter target: 45	.87	.45	.26
	NWF	2.66	2.50	Winter target: 45	1.52	1.82	2.08
	RCBM	(1.43)	(2.07)	Winter target: 30	(1.99)	(1.82)	(1.60)
	OC	3.00	2.28	Winter target: 79	1.05	.51	.03
	NI	2.59	2.40	Winter target: 55	1.33	.99	.54
	QD	1.54	1.29	Winter target: 28	.70	.45	.19
	MN	.87	.79	Winter target: 16	.47	.35	.20
	MCOMP	1.71	1.84	Winter target: 26	1.31	1.10	.68

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		1 st -10 th pctl	11 th -25 th pctl	26 th -75 th pctl		76 th -90 th pctl	91 st -99 th pctl
		Red	Yellow	Green		Blue	White
2	RCBM	2.00	2.58	Winter target: 80	1.87	1.75	1.39
	Maze	.60	.66	Winter target: 9	.46	.49	.42
	MCOMP	1.47	1.53	Winter target: 30	1.08	.74	.40
	MCAP	.75	.88	Winter target: 13	.71	.83	.68
3	RCBM	1.83	2.44	Winter target: 105	1.76	1.40	1.20
	Maze	.60	.57	Winter target: 14	.29	.20	.17
	MCOMP	1.91	2.08	Winter target: 40	1.44	1.13	.59
	MCAP	.50	.53	Winter target: 10	.33	.34	.30
4	RCBM	1.85	1.88	Winter target: 120	1.32	1.41	1.15
	Maze	.73	.75	Winter target: 19	.52	.59	.50
	MCOMP	1.87	1.96	Winter target: 42	1.38	1.05	.51
	MCAP	.62	.62	Winter target: 15	.32	.31	.28
5	RCBM	1.76	1.88	Winter target: 129	1.40	1.21	.99
	Maze	.72	.69	Winter target: 21	.42	.38	.33
	MCOMP	.95	1.15	Winter target: 20	.79	.77	.62
	MCAP	.43	.47	Winter target: 10	.30	.31	.30
6	RCBM	1.91	1.80	Winter target: 149	1.10	1.18	.93
	Maze	.93	.87	Winter target: 27	.53	.50	.31
	MCOMP	1.04	1.22	Winter target: 24	.72	.72	.56
	MCAP	.58	.61	Winter target: 15	.38	.45	.40
7	RCBM	1.53	1.63	Winter target: 150	1.00	.89	.81
	Maze	.63	.66	Winter target: 25	.31	.22	.07
	MCOMP	.71	.91	Winter target: 25	.67	.70	.39
	MCAP	.58	.60	Winter target: 13	.41	.50	.41
8	RCBM	1.46	1.54	Winter target: 151	.86	.81	.70
	Maze	.44	.40	Winter target: 21	.08	0	-.10
	MCOMP	.70	.84	Winter target: 21	.44	.30	.20
	MCAP	.40	.41	Winter target: 11	.25	.22	.15

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_____ + (_____ x _____) = _____

Winter – Spring (____ weeks)

****This table contains the growth norms at the 85th percentile (ambitious) for the “Very Low” and “Low” categories and the 65th percentile (slightly higher than a typical year’s worth of growth) for the “Average,” “High,” and “Very High” categories.**

Grade	Measure	Very Low	Low	Average		High	Very High
		1 st -10 th pctl	11 th -25 th pctl	26 th -75 th pctl		76 th -90 th pctl	91 st -99 th pctl
		Red	Yellow	Green		Blue	White
K	LNF	1.83	1.56	Spring Target: 46	.79	.66	.52
	LSF	1.87	1.82	Spring Target: 33	.93	.57	.36
	PSF	2.81	2.82	Spring Target: 41	1.39	.84	.64
	NWF	2.04	1.90	Spring Target: 33	1.12	1.05	1.32
	OC	2.92	2.46	Spring Target: 70	1.14	.66	.05
	NI	2.04	1.42	Spring Target: 55	.45	1.05	--
	QD	1.22	1.05	Spring Target: 25	.41	.49	--
	MN	.79	.70	Spring Target: 13	.33	.12	.25
1	NWF	2.38	2.18	Spring Target: 57	1.30	1.45	.67
	RCBM	1.43	2.07	Spring Target: 53	1.99	1.82	1.60
	OC	2.32	1.64	Spring Target: 87	.58	.02	--
	NI	1.67	1.27	Spring Target: 60	.53	.16	.19
	QD	1.19	.83	Spring Target: 32	.31	.08	.54
	MN	.58	.53	Spring Target: 18	.24	.15	.06
	MCOMP	1.60	1.50	Spring Target: 37	.76	.30	.03

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		1 st -10 th pctl	11 th -25 th pctl	26 th -75 th pctl		76 th -90 th pctl	91 st -99 th pctl
		Red	Yellow	Green		Blue	White
2	RCBM	1.87	1.83	Spring Target: 92	1.27	1.18	1.06
	Maze	.57	.58	Spring Target: 14	.34	.26	.19
	MCOMP	1.52	1.33	Spring Target: 38	.63	.34	.06
	MCAP	.66	.74	Spring Target: 18	.47	.37	.19
3	RCBM	1.72	1.93	Spring Target: 119	1.21	1.10	1.00
	Maze	.46	.45	Spring Target: 15	.21	.19	.19
	MCOMP	1.67	1.87	Spring Target: 53	.89	.42	.10
	MCAP	.63	.67	Spring Target: 14	.42	.43	.42
4	RCBM	1.56	1.46	Spring Target: 136	1.15	1.19	1.05
	Maze	.47	.42	Spring Target: 19	.18	.17	.08
	MCOMP	1.73	1.77	Spring Target: 55	.95	.43	.12
	MCAP	.60	.61	Spring Target: 18	.30	.33	.23
5	RCBM	1.49	1.72	Spring Target: 143	1.16	1.06	.88
	Maze	.65	.67	Spring Target: 25	.36	.27	.14
	MCOMP	1.07	1.29	Spring Target: 30	.85	.83	.49
	MCAP	.30	.33	Spring Target: 13	.10	.06	.02
6	RCBM	1.64	1.61	Spring Target: 161	1.03	1.05	.80
	Maze	.58	.48	Spring Target: 27	.14	.15	0
	MCOMP	1.01	1.08	Spring Target: 31	.59	.56	.32
	MCAP	.40	.50	Spring Target: 17	.26	.29	.18
7	RCBM	1.50	1.60	Spring Target: 171	.98	.80	.93
	Maze	.70	.69	Spring Target: 29	.40	.38	.14
	MCOMP	.82	.80	Spring Target: 29	.59	.52	.20
	MCAP	.51	.53	Spring Target: 17	.30	.28	.18
8	RCBM	1.46	1.43	Spring Target: 161	.75	.68	.78
	Maze	.72	.71	Spring Target: 27	.49	.44	.25
	MCOMP	.60	.81	Spring Target: 26	.49	.52	.36
	MCAP	.47	.50	Spring Target: 14	.25	.22	.15