

March 15, 2016

This is a preliminary mid-year study on students' growth by grade and by campus considering Istation curriculum usage on approximately 1,000 students in nineteen various Kansas campuses. Common with all these campuses are the fact that they appear to be "good" implementers of the Istation Reading program. These campuses were selected on an average where students have taken at least two Istation assessments between December and February and have a significant amount of usage of the curriculum program.

The students' growth is computed by grade and by campus by subtracting the mean of December scores from the mean of February scores. The students' actual growth is compared with Istation expected growth. Approximately 1,000 students are included in this study.

Table 1 shows a sample of 19 campuses where it appears Istation reading is implemented well that their students have a large growth from December to February. Their students' growth is 2-8 times higher than Istation expected growth. On average those campuses show 2-4 times higher Istation curriculum usage than statewide average Istation curriculum usage. It is concluded that the more their students spend time on Istation curriculum, the higher growth on their students' reading ability.

Prepared by: Chalie Patarapichayatham, Ph.D.

Research Assistant Professor at SMU

Table 1

A Sample of Campuses in Kansas that are "good" implementers of the Istation Reading Program

	Statewide		Campus	Actual Growth	Istation
	Average	Campus	Average	(DEC-FEB)	Expected
Grade	Curriculum	Name	Curriculum	Percent over	Growth
	Usage (minute)		Usage (minute)	expected Rate	(DEC-FEB)
K	202.6	School A	864.8	7.5 (150%)	5
1	231.5	School B	271.8	15.2 (380%)	4
		School C	467.2	11.9 (298%)	4
2	247.2	School D	774.2	10.5 (350%)	3
		School E	280.6	9.7 (323%)	3
3	238.9	School F	460.7	12.1 (605%)	2
		School G	379.3	7.8 (390%)	2
		School H	362.5	6.5 (325%)	2
4	188.0	School I	630.3	70.4 (313%)	22.5
		School J	538.6	57.0 (253%)	22.5
		School K	198.3	43.7 (194%)	22.5
5	155.2	School L	508.4	86.7 (666%)	13
		School M	418.3	65.2 (502%)	13
		School N	151.5	30.6 (235%)	13
6	114.0	School O	75.0	58.2 (485%)	12
		School P	299.7	<mark>47.0 (392%)</mark>	12
		School Q	125.8	100.1 (834%)	12
7	164.3	School R	239.6	93.0 (547%)	17
8	132.0	School S	292.2	45.3 (302%)	15