Reading Gains by LGL EDGE Usage

Students using more LGL ELA Edge had greater gains.

At lower grade levels, high-frequency words (HF), word recognition (WR), and phonics (PH) are the sub-tests with the most gains.

Category	High-Freq Words	Word Rec.	Phonics	Vocabulary	Spelling	Comprehension	Total Count
Low	0.71	0.69	0.73	0.59	0.58	0.48	483
Medium	0.75	0.63	0.82	0.60	0.64	0.58	106
High	1.16	1.69	1.47	0.47	0.78	0.43	17

Start Date: 8/15/2016   Grade: 1   Outlier Level: None

Start Date: 1/30/2017   Low:< .2 hours   Med: .2 to 3.6 hours   High: 3.6 + hours

Reading Gains by LGL EDGE Usage

Legend: Low2 (blue), Med2 (yellow/orange), High2 (red)

Chart values (Years of Gain):

- HF: 0.71, 0.89, 0.81
- WR: 1.48, 1.85, 1.89
- PH: 0.86, 0.97, 0.87
- VO: 0.61, 0.5, 0.62
- SP: 0.42, 0.41, 0.44
- CO: 0.76, 1.02, 0.83

Category	High-Freq Words	Word Rec.	Phonics	Vocabulary	Spelling	Comprehension	Total Count
Low	0.71	1.48	0.86	0.62	0.43	0.76	466
Medium	0.89	1.85	0.97	0.50	0.41	1.02	104
High	0.81	1.89	0.87	0.62	0.44	0.83	39
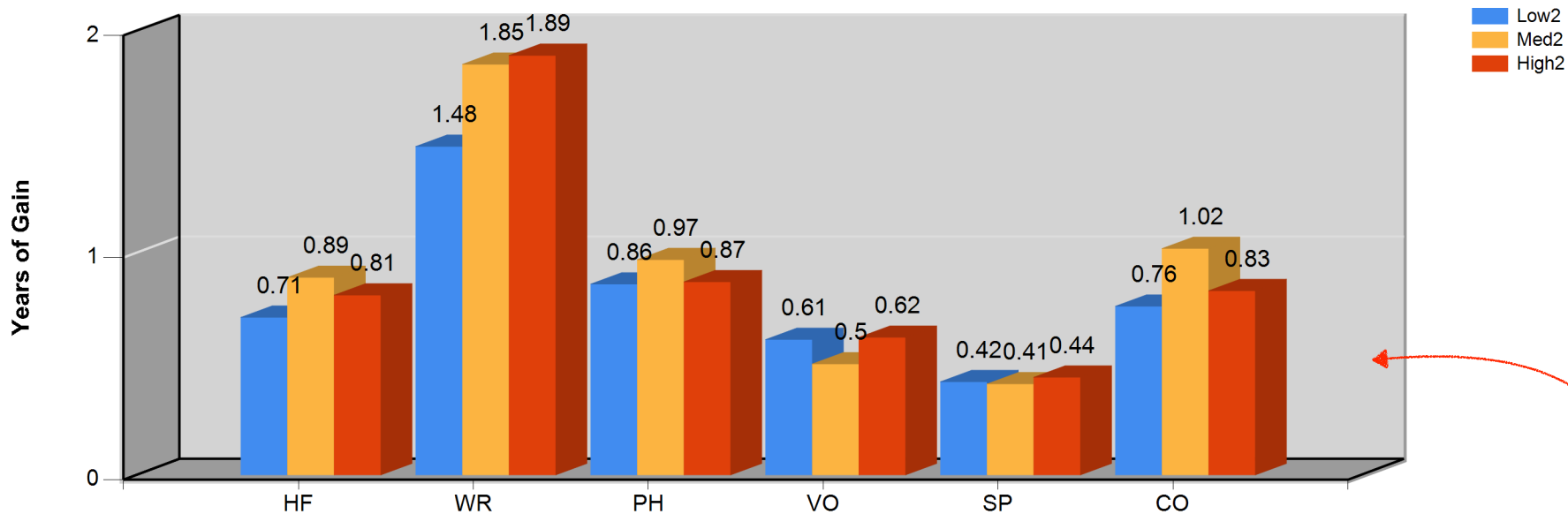
We see consistently greater gains for the medium and high LGL ELA Edge use groups.

Start Date: 8/15/2016   Grade: 2   Outlier Level: None
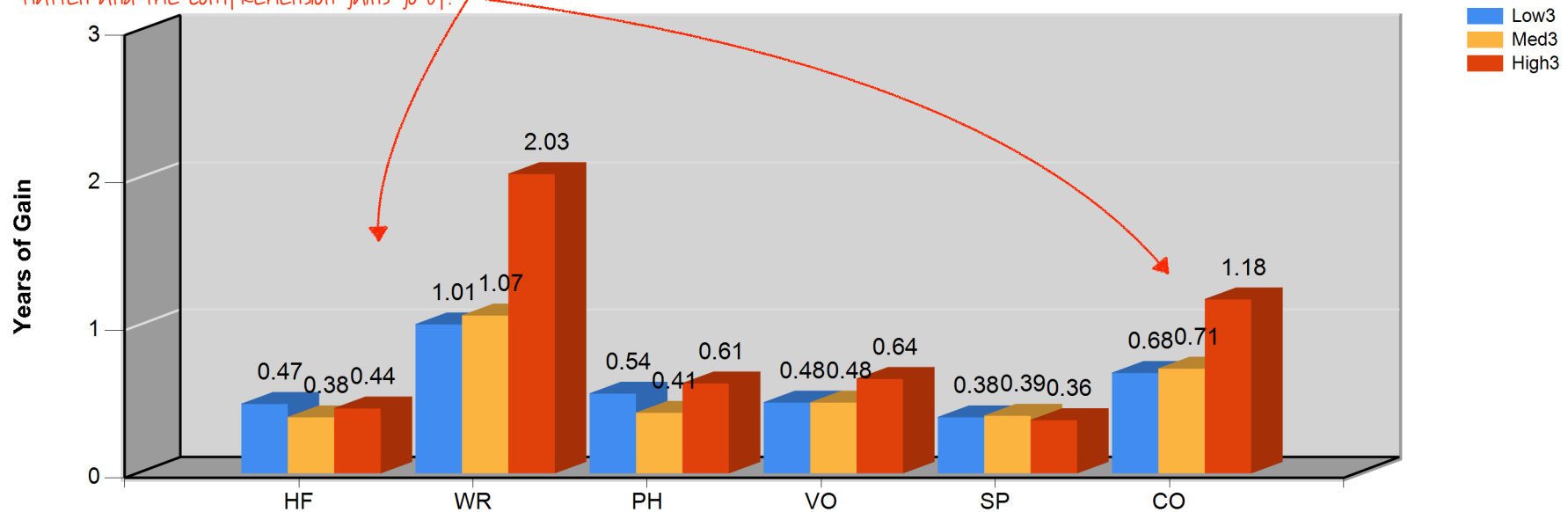
Start Date: 1/30/2017   Low:< .2 hours   Med: .2 to 3.6 hours   High: 3.6 + hours

We see some shifts in third grade. As more and more students master decoding, the decoding gains flatten and the comprehension gains go up.

Reading Gains by LGL EDGE Usage

Legend:
- Low3 (blue)
- Med3 (orange)
- High3 (red)

Y-axis: Years of Gain

	HF	WR	PH	VO	SP	CO
Low3	0.47	1.01	0.54	0.48	0.38	0.68
Med3	0.38	1.07	0.41	0.48	0.39	0.71
High3	0.44	2.03	0.61	0.64	0.36	1.18

Category	High-Freq Words	Word Rec.	Phonics	Vocabulary	Spelling	Comprehension	Total Count
Low	0.47	1.00	0.54	0.48	0.38	0.67	400
Medium	0.38	1.07	0.41	0.48	0.39	0.71	109
High	0.44	2.03	0.61	0.64	0.36	1.13	68

Notice the significantly greater gains in Comprehension for the high usage group.

Start Date: 8/15/2016   Grade: 3   Outlier Level: None
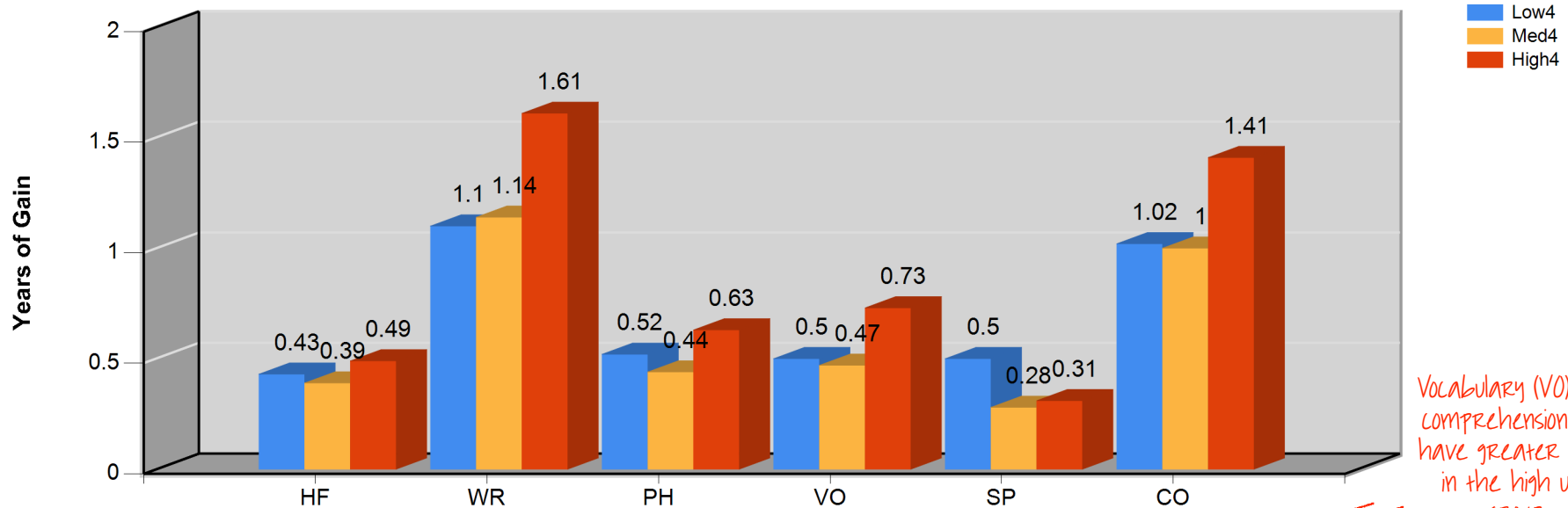
Start Date: 1/30/2017   Low:< .2 hours   Med: .2 to 3.6 hours   High: 3.6 + hours

Reading Gains by LGL EDGE Usage

Vocabulary (VO) and comprehension (CO) have greater gains in the high use group.

Category	High-Freq Words	Word Rec.	Phonics	Vocabulary	Spelling	Comprehension	Total Count
Low	0.43	1.10	0.52	0.51	0.50	1.01	346
Medium	0.39	1.14	0.44	0.47	0.28	1.00	156
High	0.49	1.61	0.63	0.73	0.31	1.41	83

Start Date: 8/15/2016   Grade: 4   Outlier Level: None
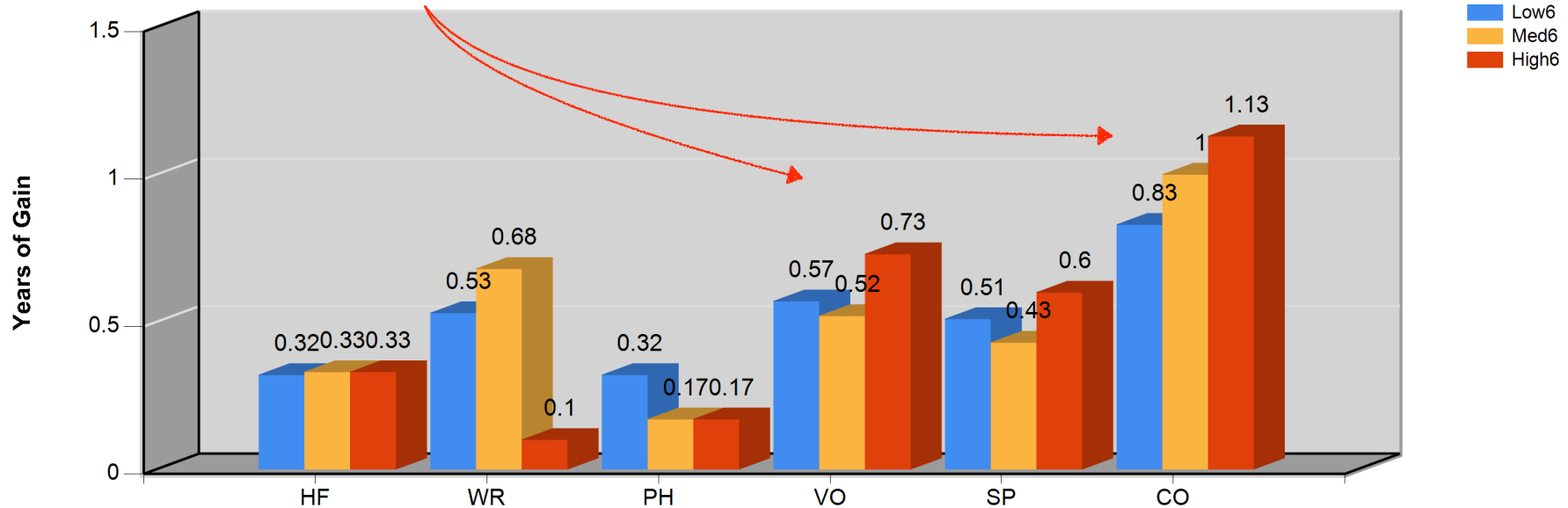
Start Date: 1/30/2017   Low:< .2 hours   Med: .2 to 3.6 hours   High: 3.6 + hours

This site overall is below target for time on task. Thus, we only see gains as students use LGL ELA Edge for over 3.6 hours.

Unless we are examining a sub-group like ELL, by 6th grade, we would expect vocabulary (VO) and comprehension (CO) to have the greatest gains.

Reading Gains by LGL EDGE Usage

Category	High-Freq Words	Word Req.	Phonics	Vocabulary	Spelling	Comprehension	Total Count
Low	0.32	0.54	0.32	0.57	0.52	0.84	441
Medium	0.33	0.68	0.17	0.52	0.43	1.00	72
High	0.33	0.10	0.17	0.73	0.60	1.13	10

Start Date: 8/15/2016   Grade: 6   Outlier Level: None

Start Date: 1/30/2017   Low:< .2 hours   Med: .2 to 3.6 hours   High: 3.6 + hours

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Reading Gains by LGL EDGE Usage

Although the sample size is smaller, the high use group has the greatest gains in comprehension (CO).
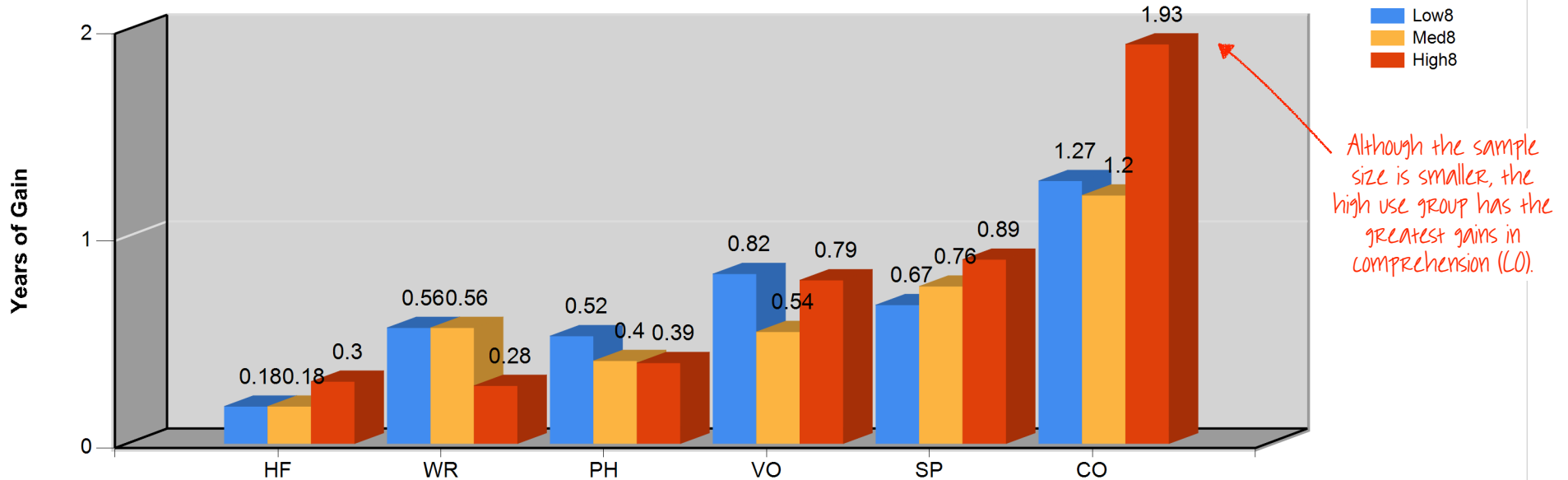
Category	High-Freq Words	Word Rec.	Phonics	Vocabulary	Spelling	Comprehension	Total Count
Low	0.18	0.56	0.52	0.82	0.67	1.27	84
Medium	0.18	0.56	0.40	0.54	0.76	1.20	88
High	0.30	0.28	0.39	0.79	0.89	1.93	29

Start Date: 8/15/2016   Grade: 8   Outlier Level: None
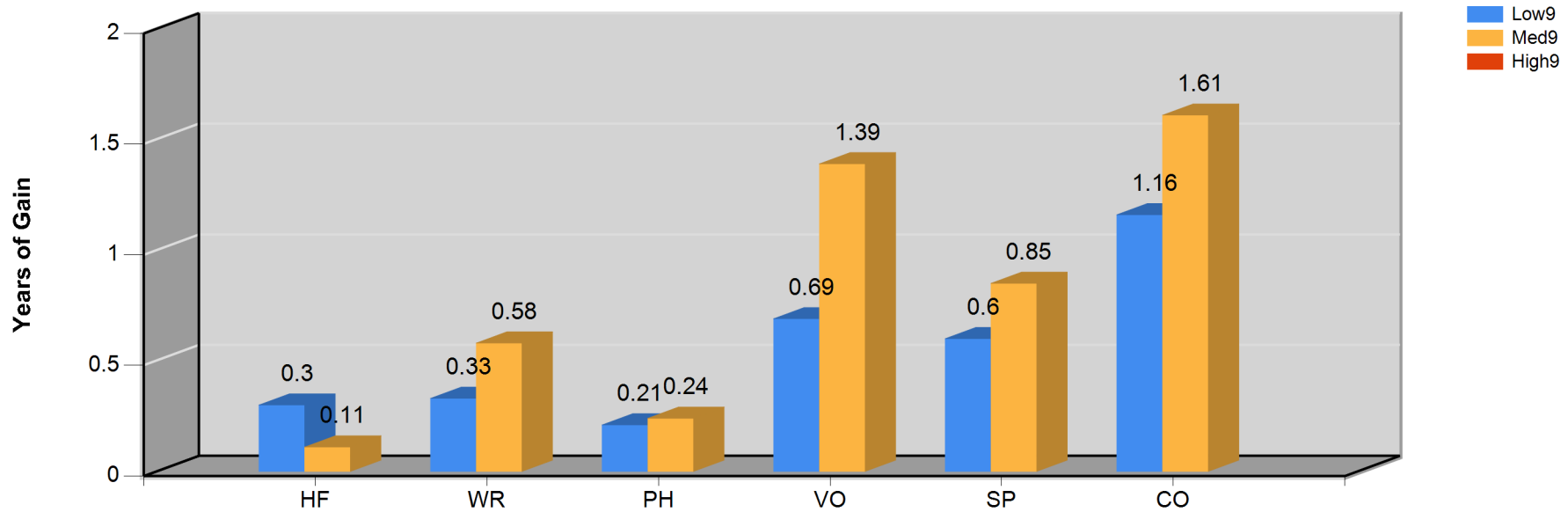
Start Date: 1/30/2017   Low:< .2 hours   Med: .2 to 3.6 hours   High: 3.6 + hours

Reading Gains by LGL EDGE Usage

Category	High-Freq Words	Word Rec.	Phonics	Vocabulary	Spelling	Comprehension	Total Count
Low	0.30	0.33	0.21	0.69	0.60	1.16	252
Medium	0.11	0.58	0.24	1.39	0.85	1.61	60
High	0.00	0.00	0.00	0.00	0.00	0.00	0

Start Date: 8/15/2016   Grade: 9   Outlier Level: None

Start Date: 1/30/2017   Low:< .2 hours   Med: .2 to 3.6 hours   High: 3.6 + hours