

Enclosure 4a
March 5, 2019

Rhode Island K-8 Reading & Math Curriculum Data

2018-2019



Standards and Curriculum?

Standards- Common Core State Standards, Next Generation Science Standards- describe what students should know and be able to do

Frameworks- explanations of standards, vertical progression, model units, classroom walkthrough tools, student work samples aligned to standards

Curriculum- full set of instructional materials, instructional strategies, units, lessons, culturally responsive practices, assessment of learning



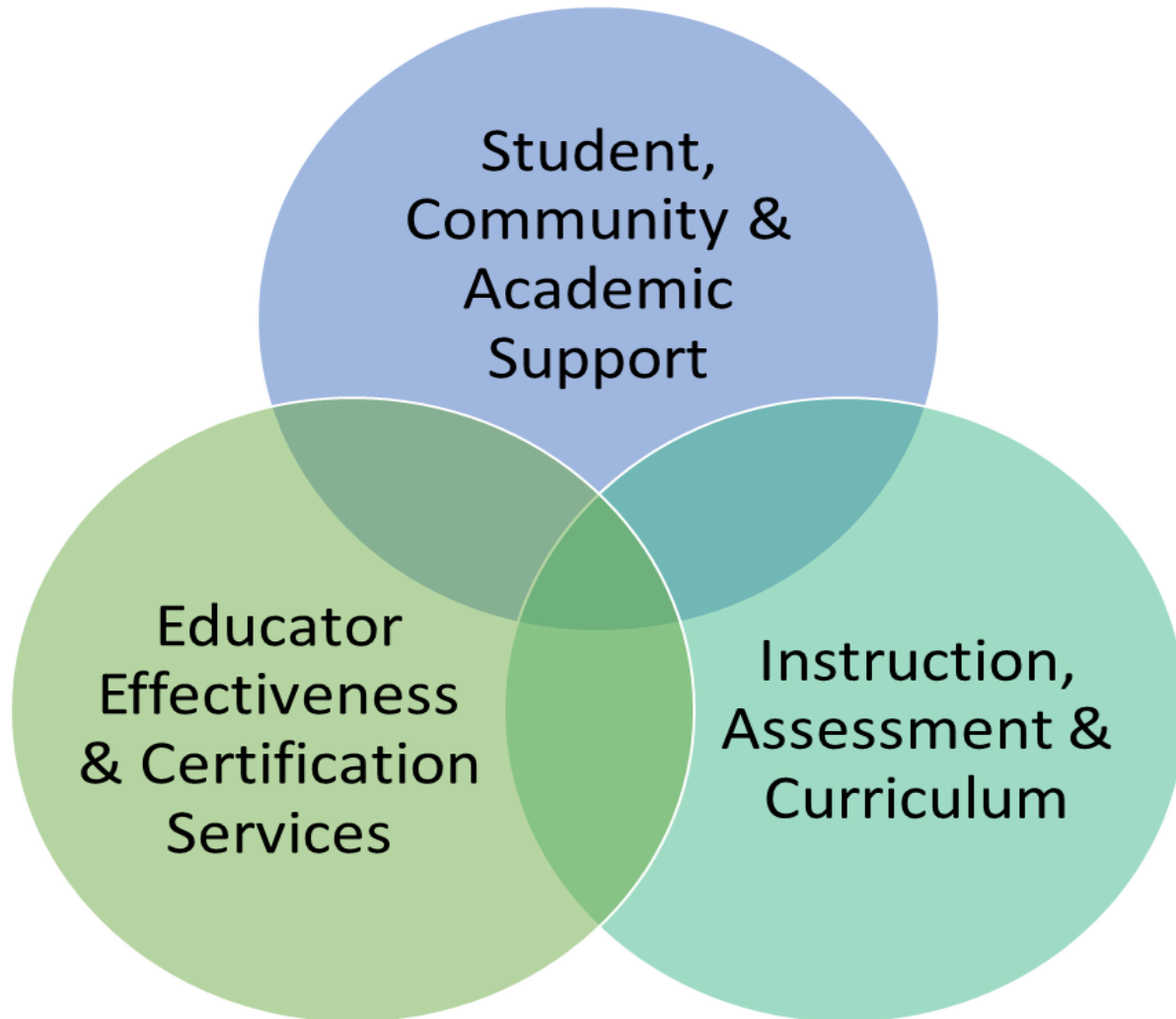
Our Beliefs...

All students deserve the opportunity to learn from engaging, grade-level, high quality curriculum to prepare for success in college, career and civic life.

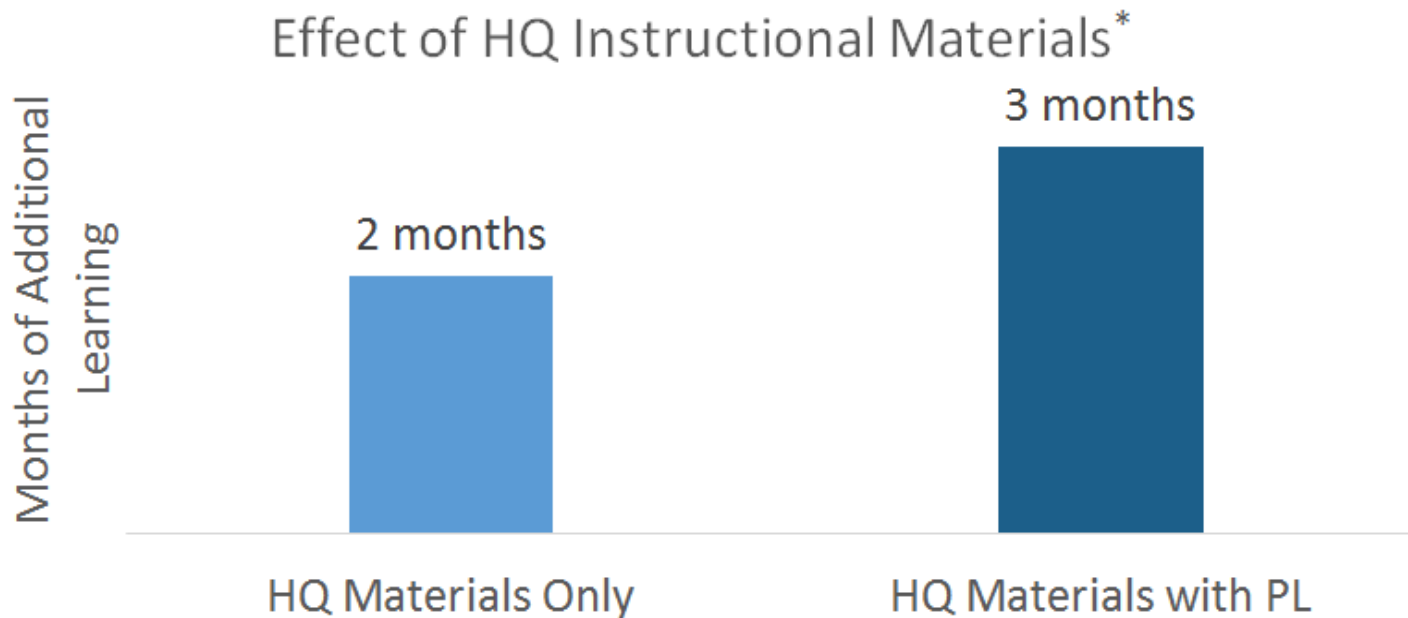
- High quality curriculum is the foundation of an equitable academic program that includes goals, instructional practices, assessments, differentiation and intervention plans.
- High quality curriculum implemented with integrity across a system is a lever for increased student accessibility and growth.
- High quality curriculum adoption will only be successful with curriculum specific, job-embedded, high quality professional learning.
- High quality curriculum must be the focus of an aligned system that begins with teacher preparation through in-service experiences.



Division of Teaching & Learning




Why Do Curriculum AND Professional Learning Matter?



*Jackson, C. K., & Makarin, A. (2016). Simplifying Teaching: A Field Experiment with Online "Off-the-Shelf" Lessons. National Bureau of Economic Research



Continuum of implementation

LEA has full set  LEA has full set, materials orientation and shared expectations for use as well as ongoing instructional support using materials

How Time & Resources are Being Spent

TEACHERS SPEND 12 HOURS PER WEEK CREATING MATERIALS

Teacher Time Spent Creating Instructional Materials (hours per week)



Sources of Instructional Materials Used (weekly or more often)



Teachers are heading online to supplement or piece together curriculum.

97% Google

85% Pinterest

79% Teachers Pay Teachers

39% EngageNY



BUYER

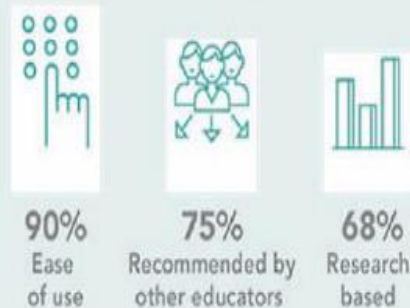
\$1.75 billion

Annual Spend on Classroom Materials

Average Classroom Budget



Important Factors in Instructional Materials Purchasing Decisions



EdNet Research, State of the Market 2016

Students' Time Spent

In a single school year, **the average student spends 581 hours** on assignments that are not high quality.

121	127	170	163
hours spent on "off grade level" math assignments	hours spent on "off grade level" ELA assignments	hours spent on "off grade level" science & technology assignments	hours spent on "off grade level" social studies assignments



Strategies Underway in SY 2018-2019

14 LEAs supported
by EdReports
Curriculum Project

Professional
Learning Plan
Implementation
support

District Network
Meetings on
Professional
Learning

Curriculum Survey
and Report


Ed Prep Program
Conversation

Supported by a grant from Council for Chief State School Offices (CCSSO)

What is EdReports?

Core Connections (Grades 6-8) (2013)


Published By: CPM Educational Program (CPM) | Date Published: 3/14/2016 | [View These Reports](#)



GRADE LEVEL	FOCUS & COHERENCE	RIGOR & MATHEMATICAL PRACTICES	ALIGNMENT RATING	USABILITY RATING
Sixth Grade	8/14	18/18	Partially Meets Expectations	N/A
Seventh Grade	8/14	18/18	Partially Meets Expectations	N/A
Eighth Grade	13/14	18/18	Meets Expectations	32/38

StoryTown (2008 with 2012 CCSS Pack)

Published By: Houghton Mifflin Harcourt | Date Published: 4/12/2018 | [View These Reports](#)



GRADE LEVEL	TEXT QUALITY	BUILDING KNOWLEDGE	ALIGNMENT RATING	USABILITY RATING
Third Grade	22/42	2/32	Does Not Meet Expectations	N/A
Fourth Grade	21/42	2/32	Does Not Meet Expectations	N/A
Fifth Grade	20/42	N/A	Does Not Meet Expectations	N/A

Where does the curriculum landscape look like?

Goal: To understand what the current status of curriculum is throughout the State

Strategy: Survey LEAs about curriculum materials used in Grades K-8 in the areas of Mathematics and Reading

2017-2018 State-Wide Curriculum Survey

Mathematics Findings

- Eureka Math and EngageNY were the most common
- Locally developed curriculum were reported by at least 10 LEAs in each grade level

Reading Findings

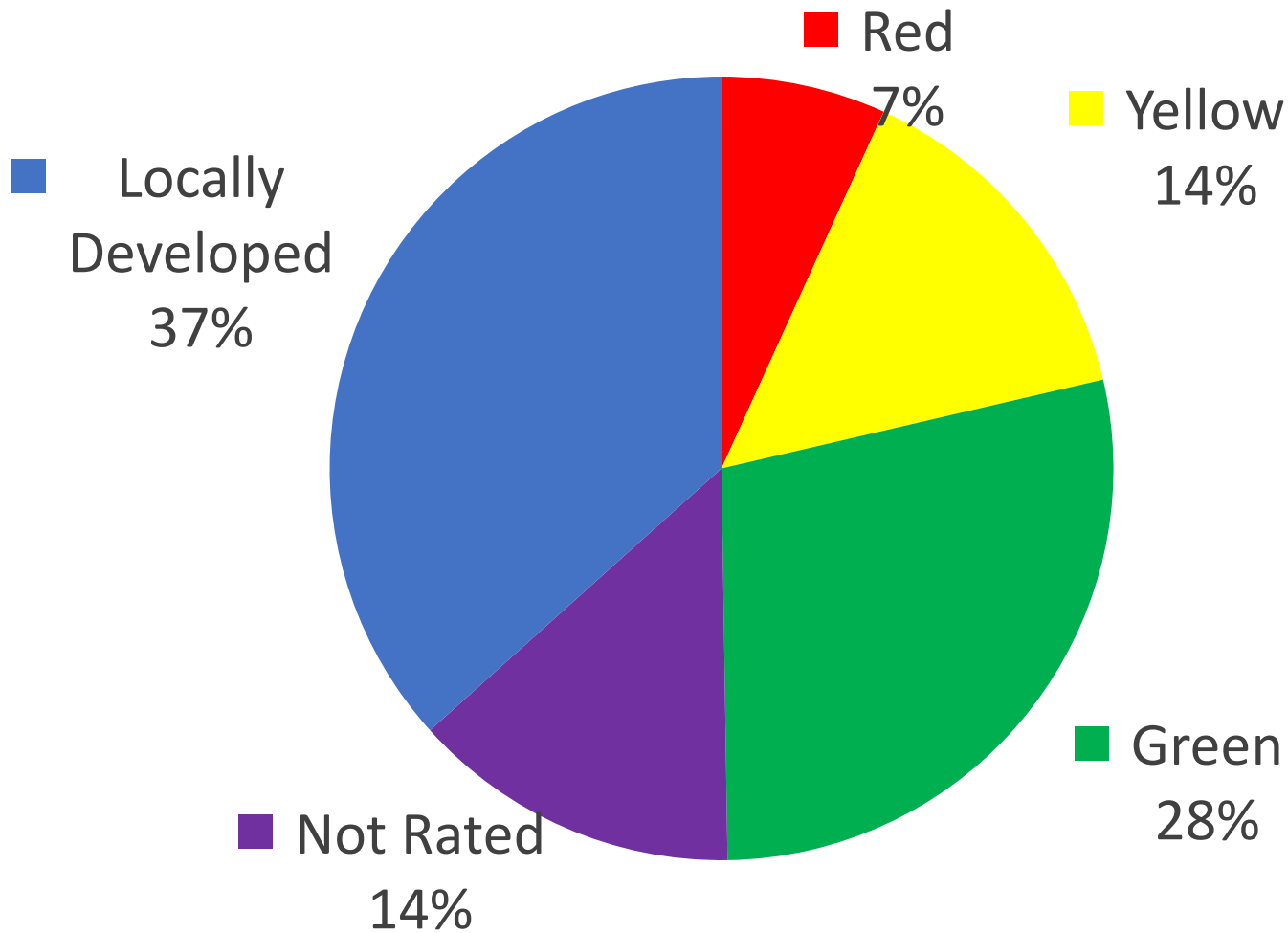
- Majority of LEAs used, in some way, locally developed instructional materials
- Many LEAs used multiple instructional materials in one grade level (ie: EngageNY and Foundations or Journeys, Locally Developed and Foundations)



2018-2019 State-Wide Curriculum Survey

- Data from 52 LEAs
- LEAs identified primary curriculum as (locally developed or publisher based)
- 92% of data was verified in October
- School level data can be extrapolated

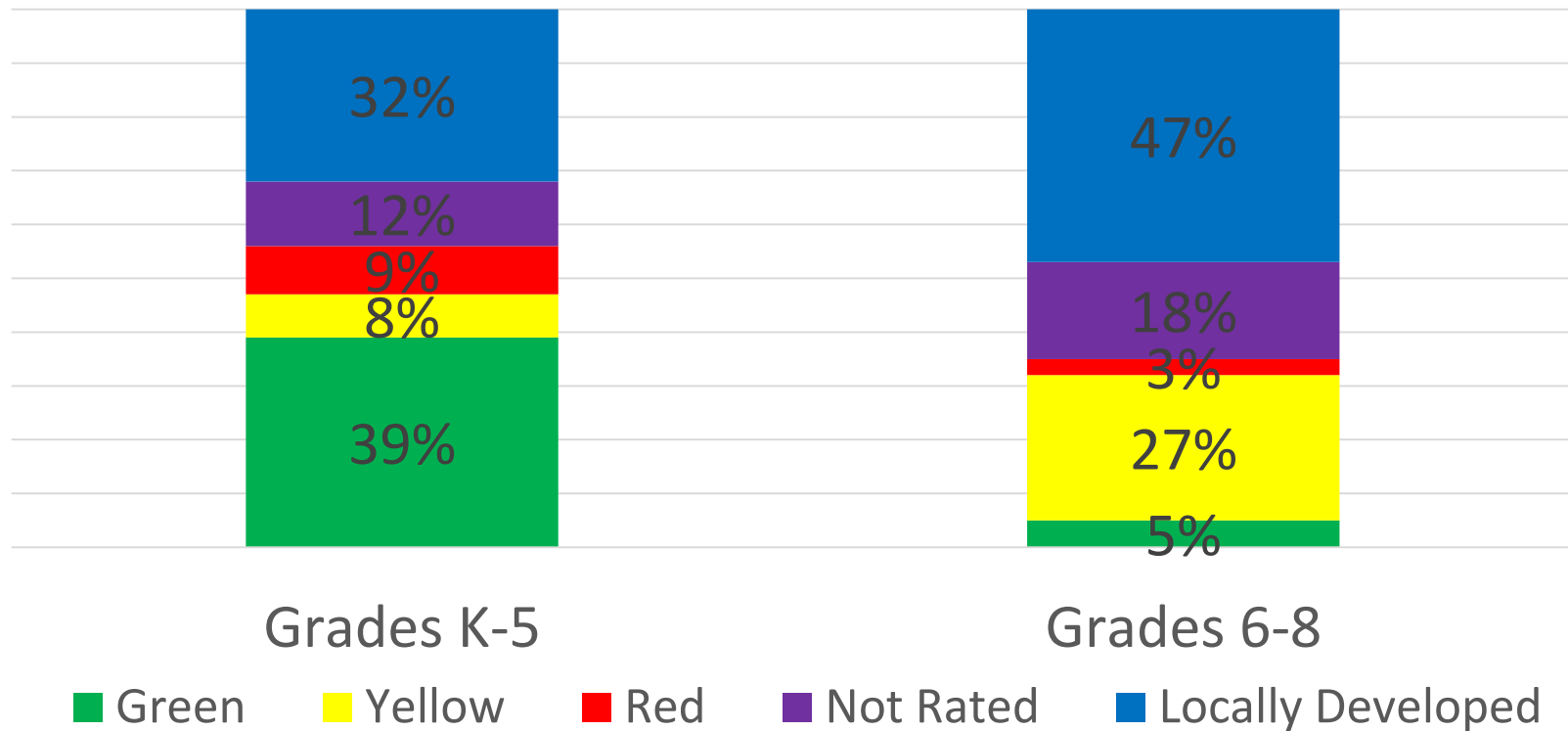
K-8 Math Overview 2018-2019



Math Trend

Grades K-5 have higher quality curriculum than Grades 6-8

Math Curriculum

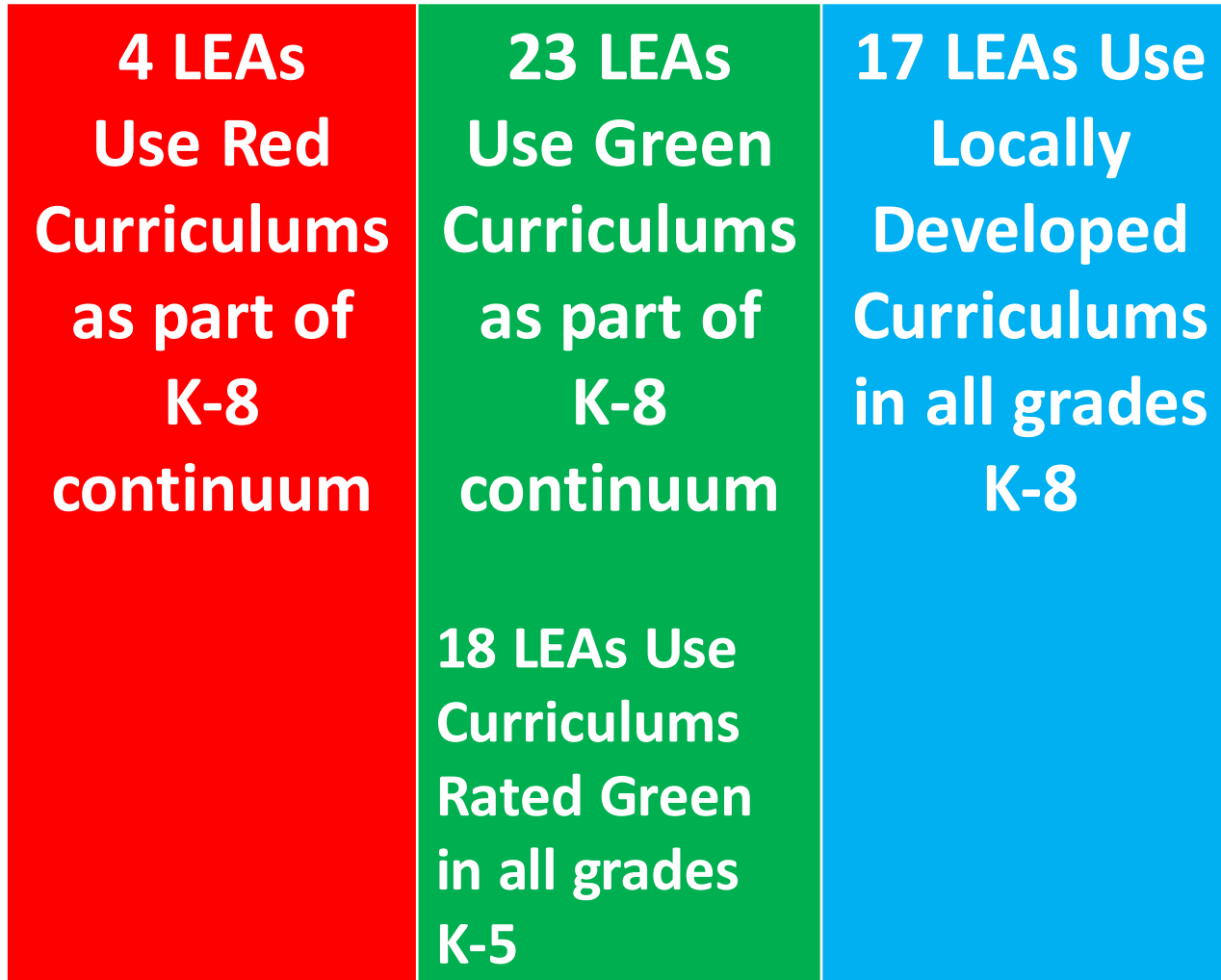


N= 412 (by grades)

#QualityMatters



Math Overview



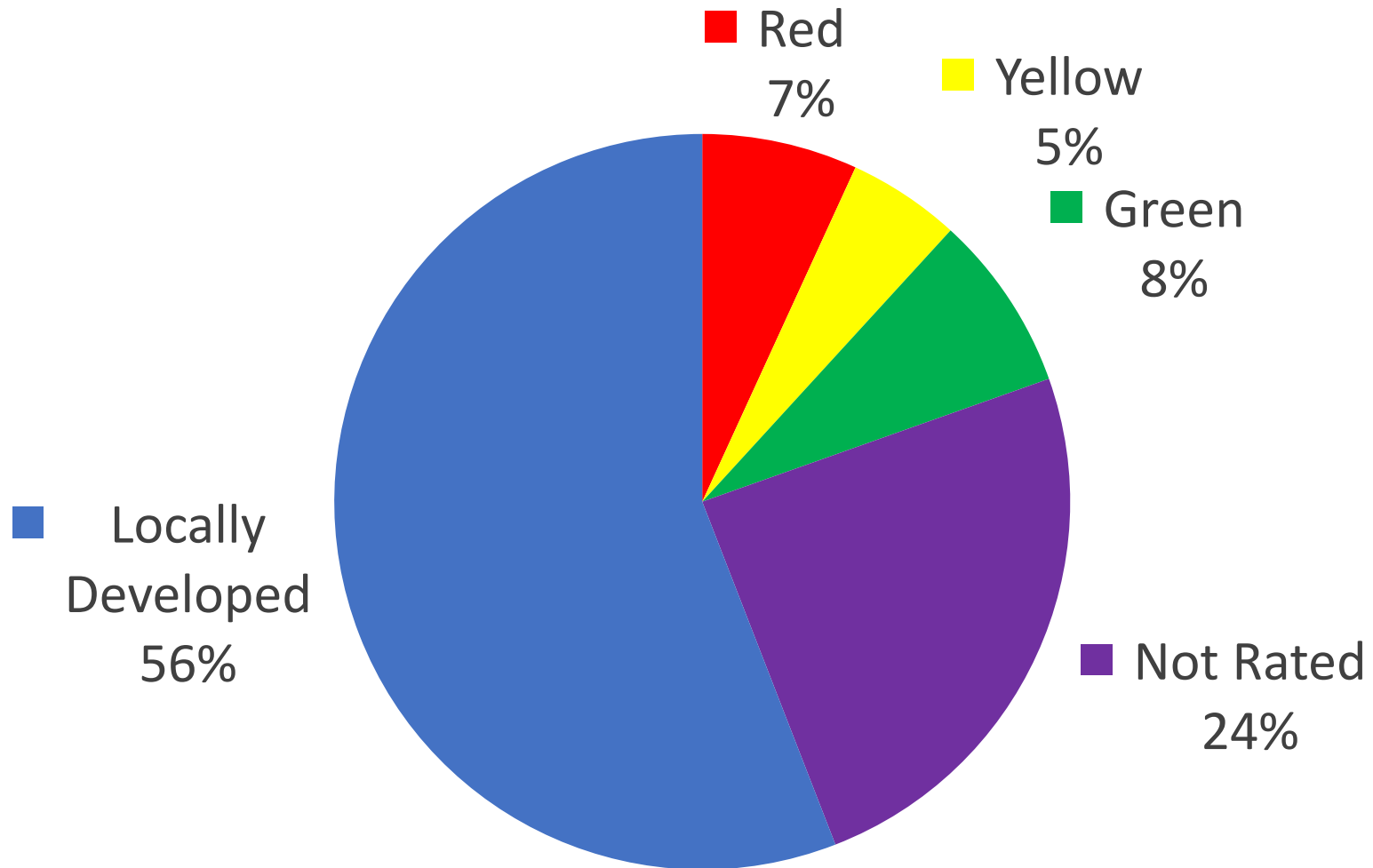
Mathematics

A Student's Experience With Curriculum

Grade K	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
Eureka 2013- 2014	Eureka 2013- 2014	Eureka 2013- 2014	Eureka 2013- 2014	Eureka 2013- 2014	Eureka 2013- 2014	Sadlier Math 2014	Sadlier Math 2014	Sadlier Math 2014

- 2 different curricula in 9 years
- 1 rated high quality by Ed Reports
- 1 not rated by Ed Reports
- Could result in misalignment or gaps in standards
- More difficult to follow progress over time once transition from grade 5

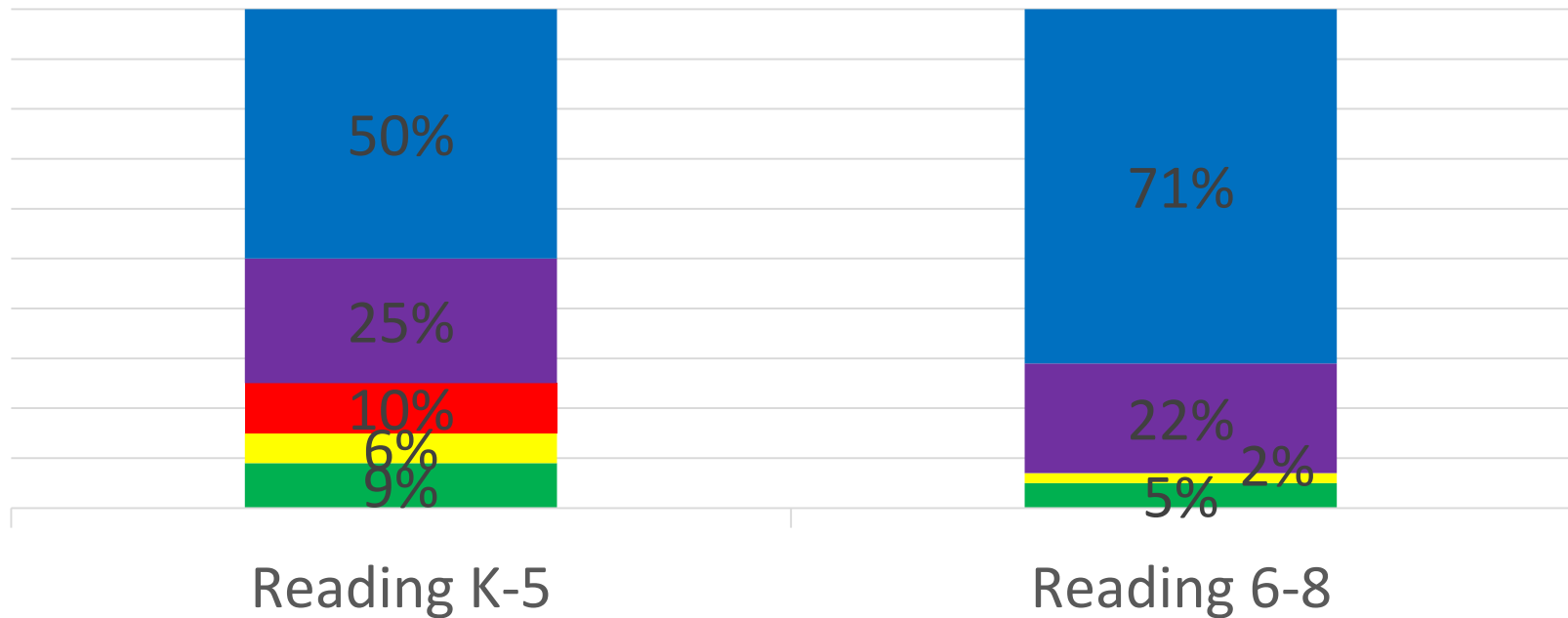
K-8 Reading Overview 2018-2019



N= 424 (by grades)

K-8 Reading Trend

Reading Curriculum



■ Green ■ Yellow ■ Red ■ Not Rated ■ Locally Developed

N= 424 (by grades)

Reading Overview

**5 LEAs Use
Curriculums
rated red as
part of K-8
continuum**

**7 LEAs Use
Curriculums
rated green as
part of K-8
continuum**

**24 LEAs Use
Locally
Developed in
all grades K-8**

**3 LEAs Use
curriculums
rated grade in
all grades K-5**



Reading

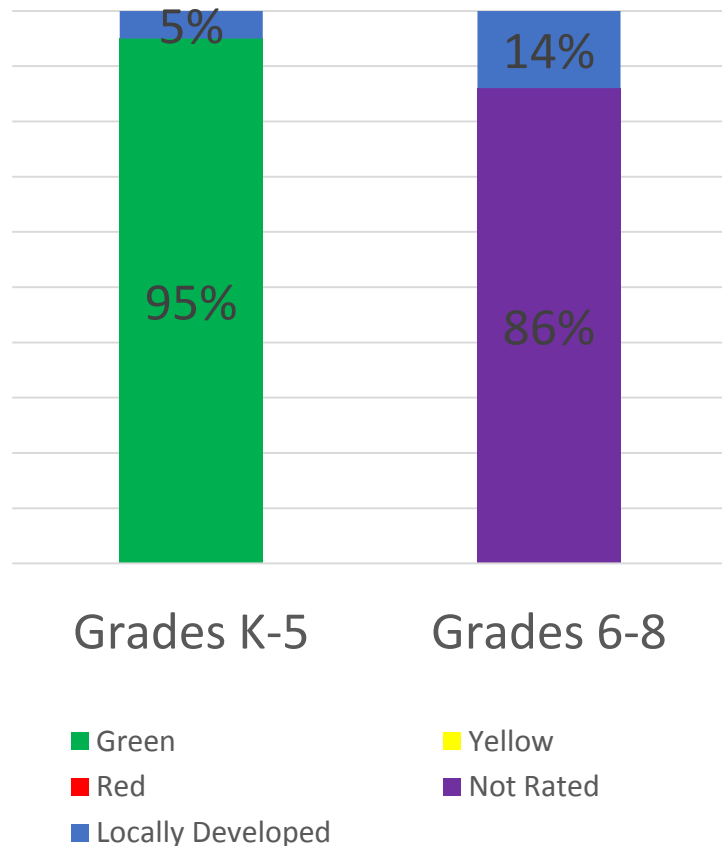
A Students Experience with Curriculum

Grade K	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
Locally Developed	Ready Reading 2016	Ready Reading 2016	Ready Reading 2016	Ready Reading 2016	ReadyGen 2016	ReadyGen 2016	EngageNY 2018	Holt McDougal Literature

- 5 different curriculums in 9 years
- Mix of locally developed, not rated by Ed Reports, rated high quality by Ed Reports and rated low
- Lack of coherence in structure, language and pedagogical approach
- Unable to track progress across years in order to see growth

High Quality Selection is Not Enough

Mathematics Curriculum



2018 SurveyWorks Data

- 7% engage in lesson study
- 29% participate in PLCs
- 35% reported that PL was related to content they teach



RAND/ATP (American Teacher Panel) Data May 2018

- 48% of RI teachers report *curriculum and instructional materials that are rigorous and engaging* as the most important indicator for meeting the needs students right now
- 26% of RI teachers report never having *implementation of main instructional materials the focus of professional learning in the last 12 months*
 - 44% report 1-2 times per year
- 27% of RI teachers report that they *collaborate with other teacher on implementation of main instructional materials once a week or more*
 - 25% report about 1-3 times a month



LEAs are making the shift to high quality curriculum ...

2018-2019	Expected Adoption 2019-2020
Math - 23 Districts	Math - 7 New Districts
ELA - 7 Districts	ELA - 8 New Districts

