Greenwich Public Schools

LinkIt!
March 29, 2022

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Learning Targets for Today:

- Review purpose of LinkIt! Benchmark Assessments

- Illustrate how administrators use benchmark data to guide professional development planning

- Provide a glimpse into how a teacher uses the results to make instructional decisions

- Guide parents within LinkIt! portal and to supporting GPS resources

LinkIt! Benchmark Assessments

- LinkIt! Benchmark Assessments gauge students' progress on select Connecticut Student Learning Standards
  - Administered to students in Grades 2 through 8
  - Administered three times throughout the school year
  - Subjects: English Language Arts and Mathematics

- Provide immediate feedback and up-to-date student progress on reaching end-of-year expectations on select Connecticut Student Learning Standards.

- Utilized as one of <u>multiple</u> measures to determine individual student growth and to inform teaching and learning.

Types of Assessments:

- **Screener:**
  - Used as a preventative measure and early detection system for "at-risk" academic behaviors. IE : STAR

- **Diagnostic**: Pretest

- **Formative**: How are students doing during the unit?

- **Summative**: Evaluate the learning at the end of a unit

- **Benchmark**:
  - Interim assessment used to drive future instruction
  - Given to large populations of students
  - Measured against standards
  - Predictor to performance on standardized assessments
  - Provides data quickly

Form A to B Comparison
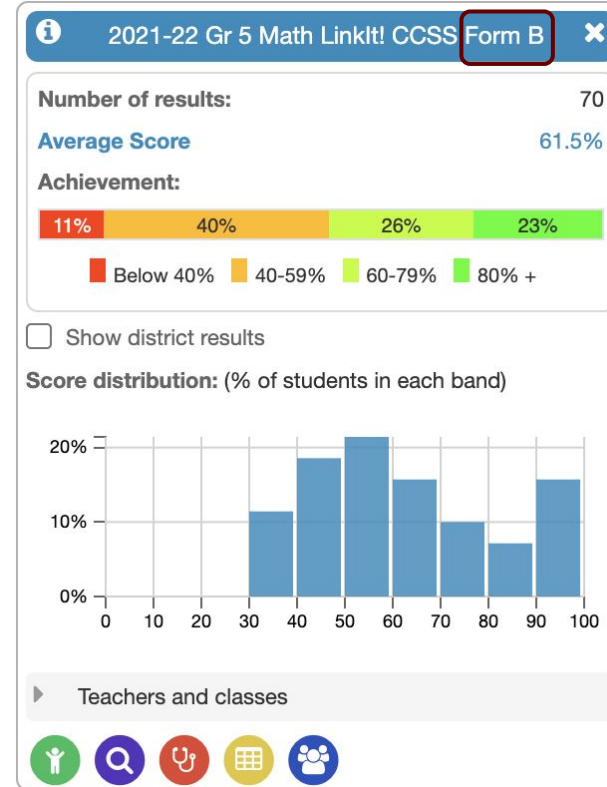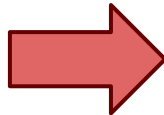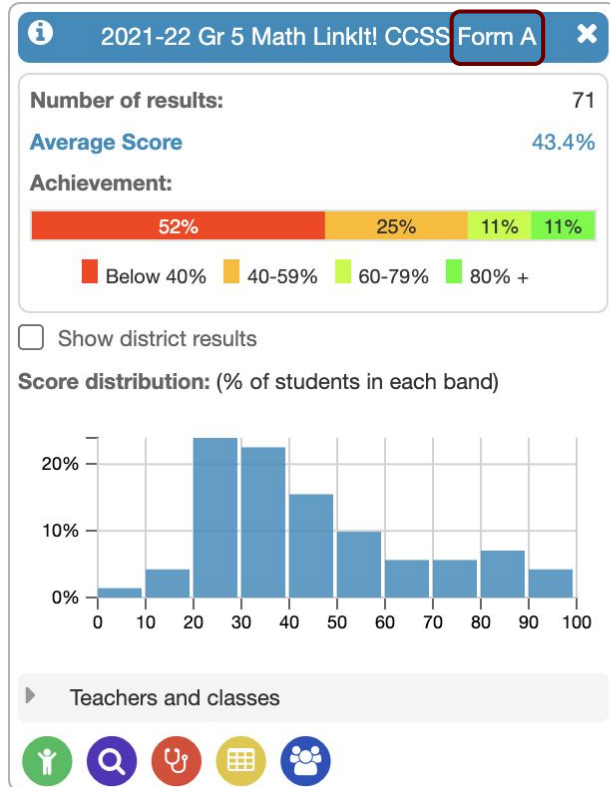
Class Aggregate Scores

	#	Student ↑	2021-22 GR 5 MATH LINKIT! CCSS FORM B ☰
☐			Percent ▼
☐	1	Acosta, S	53
☐	2	Allen, G	63
☐	3	Anthony, B	80
☐	4	Atkins, Z	87
☐	5	Brown, K	57
☐	6	Bruce, O	47
☐	7	Burnett, E	33
☐	8	Charles, K	63
☐	9	Chase, H	73
☐	10	Clay, L	67

Disaggregated by Standard

	#	Student ↑	Percent ▼	5.MD.A.1 (%) ▼	5.MD.C.4 (%) ▼	5.MD.C.5 (%) ▼	5.NBT.A.3 (%) ▼
							2021-22 GR 5
☐	1	Acosta, S	53	33	0	33	67
☐	2	Allen, G	63	0	100	100	67
☐	3	Anthony, B	80	33	100	100	100
☐	4	Atkins, Z	87	67	100	100	100
☐	5	Brown, K	57	0	100	100	67
☐	6	Bruce, O	47	0	33	33	67
☐	7	Burnett, E	33	0	100	67	0
☐	8	Charles, K	63	0	33	33	100
☐	9	Chase, H	73	33	100	100	67
		Average	61	31	78	61	76

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Individual Student Item Analysis

Item Detail

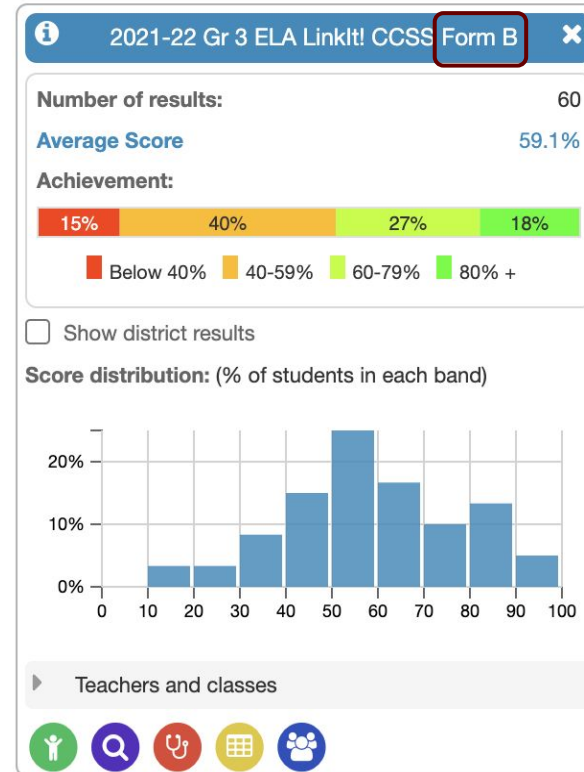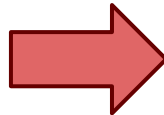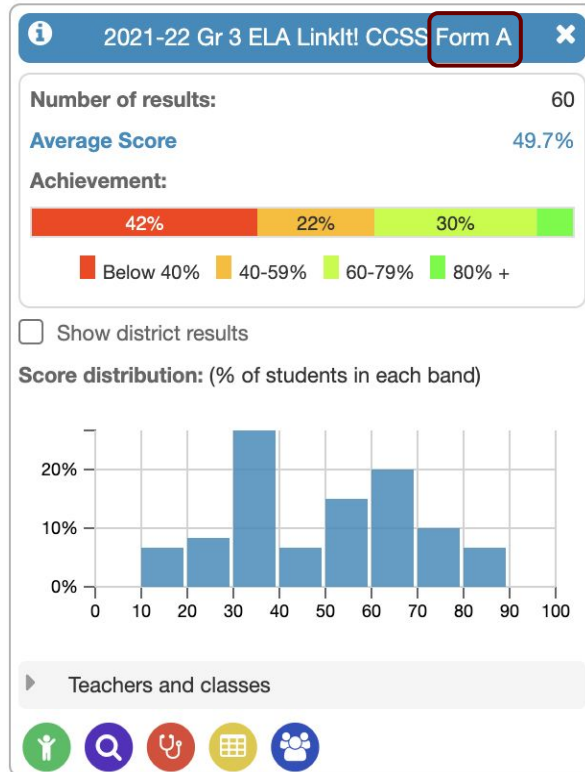| Question	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Student's Answer	D	1	B	1	A	C	A	A	A	B	A	0	B	0	B	D	C

Question	18	19	20	21	22	23	24	25	26	27	28	29	30
Student's Answer	B	C	0	C	D	B	B	A	D	A	B	A	1

Form B Standards by Question Cluster

Standard	Description	Questions	Score
5.MD.C.4	Measure volumes by counting unit cubes, using cubic cm, cubic in, cubic ft, and improvised units.	28 29 30	100%
5.MD.C.5	Relate volume to the operations of multiplication and addition and solve real world and mathematical problems involving volume.	25 26 27	100%
5.NBT.B.5	Fluently multiply multi-digit whole numbers using the standard algorithm.	7 8 9	100%
5.NF.B.6	Solve real world problems involving multiplication of fractions and mixed numbers, e.g., by using visual fraction models or equations to represent the problem.	21 22 23	100%
5.NBT.A.3	Read, write, and compare decimals to thousandths.	1 2 3	67%
5.NBT.A.4	Use place value understanding to round decimals to any place.	4 5 6	67%
5.NF.B.7	Apply and extend previous understandings of division to divide unit fractions by whole numbers and whole numbers by unit fractions.	16 17 18	67%
5.NBT.B.6	Find whole-number quotients of whole numbers with up to four-digit dividends and two-digit divisors, using strategies based on place value, the properties of operations, and/or the relationship between multiplication and division. Illustrate and explain t	10 11 12	33%

Deep Dive into Language Arts

First we look at the comparison between Form A and B

2021-22 Gr 3 ELA LinkIt! CCSS Form A

Number of results: 60
Average Score 49.7%
Achievement:

| 42% | 22% | 30% | |

■ Below 40% ■ 40-59% ■ 60-79% ■ 80% +

☐ Show district results

Score distribution: (% of students in each band)

2021-22 Gr 3 ELA LinkIt! CCSS Form B

Number of results: 60
Average Score 59.1%
Achievement:

| 15% | 40% | 27% | 18% |

■ Below 40% ■ 40-59% ■ 60-79% ■ 80% +

☐ Show district results

Score distribution: (% of students in each band)

▶ Teachers and classes

▶ Teachers and classes

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Diving Deeper into Each Layer

LinkIt! allows us to dive into the question and answer level for an entire class or grade

Item ↑	Correct Answer		Avg. Point	A	B	C	D	u/a
1	D	↧	0.90	7%	3%	0%	90%	0%
2	C	↧	0.80	15%	0%	80%	5%	0%
3	D	↧	0.88	8%	2%	2%	88%	0%
4	B	↧	0.63	20%	63%	17%	·	0%
5	C	↧	0.25	43%	7%	25%	25%	0%
6	C	↧	0.70	20%	10%	70%	0%	0%
7	B	↧	0.42	38%	42%	18%	2%	0%
8	·	↧	0.43	·	·	·	·	·
9	·	↧	0.50	·	·	·	·	·

Understanding Questions and Rationale for Answers

LinkIt! provides a student and teacher rationale for each correct and incorrect answer

How Else Can We Dive into the Data

Skills Covered

The information provided on literacy skills helps us direct our professional development and target our instruction

Skill	Items	Avg. ▲
Plot	5	43%
Main Idea	3	48%
Compare and Contrast	3	52%
Character	3	61%
Vocabulary	7	61%
Key Ideas and Details	5	63%
Cause and Effect	4	64%
Interpreting Visuals or Graphics	6	64%

How Else Can We Dive into the Data?

Types of Questions

We are able to determine the barriers to success with question types and test taking strategies

Tag	Items	Avg. ▲
Multi-Select	3	20%
DOK 3	14	54%
Drag and Drop	3	54%
Multiple Choice	16	60%
DOK 2	12	62%
Inline Choice	4	76%

What Does This Show Us?

Question Type	Question	Percent ⌄
Inline Choice	2 4 13 17	75%
Multiple Choice	1 3 5 6 7 10 11 12 18 19 20 21 22 23 24 26	63%
Drag and Drop	9 15 16	57%
Multi-Select	8 14 25	23%

The detail provided in the question rationale allows us to model how to identify the correct answers by using close reading strategies

Which **two** details are found in **both** st

- A. ☐ Dorothy is struck by the Northern Ligh
- B. ☑ Dorothy is like a walking computer.
- C. ☐ Dorothy helps a friend of hers.
- D. ☑ Someone is worried about Dorothy.
- E. ☐ Dorothy's friend helps her.

Correct Answer: Dorothy is like a walking computer in BOTH stories. Chapter 2 (paras 11 & 12); Chapter 9 (para 3)

Correct Answer: Dorothy's parents are worried about her behavior in Chapter 2, paragraph 2: "Dorothy's parents were too careful around her. Maybe they were afraid that she would be struck again by a strange ray from the Northern Lights." Mrs. Ramos is worried about her touching garbage in Chapter 9, paragraph 1: "'Cleanup team, remember to wear your gloves!' Mrs. Ramos called out."

How Do I Use the Data to Make Instructional Groups?

Teachers use this feature to make instructional groups focused on particular strategies, question types, or skills

But How Do You Use STAR?

The purpose of STAR is to serve as a Universal Screening Measure as a critical component of a comprehensive, standards-aligned reading instructional program.

In 2016, the State of Connecticut identified STAR as an approved tool to be used to, "*assist in identifying, in whole or in part, students at risk for Dyslexia, as defined in Section 10-3d of the C.G.S., or other reading-related learning disabilities.*"

- **STAR Early Literacy Assessment is given to:**
  - Kindergarten Students (Winter and Spring)
  - 1st Grade Students (Fall, Winter, and Spring)

- **STAR Reading Assessment is given to:**
  - 2nd Grade Students (Fall only)
  - 3rd Grade Students (Fall only)

How to See Your Student's Results

greenwich.linkit.com/parent

Resources on Benchmarks and Standards

tinyurl.com/linkitgps

LinkIt Parent Portal FAQ

> What information is in the GPS (LinkIt) Parent Portal

> How to Log in and Account Troubleshooting

> GPS/LinkIt Benchmark FAQ

⌄ **Accessing Sample Activities**

Sample activities based on grade-level standards are available.

When visiting this site, you can navigate to numerous sample activities for additional resources and standards-based practice questions.

Sample questions for each standard on IXL (all student have accounts)

https://www.ixl.com/signin/greenwichps
Google SSO (student GPS account)

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For more information:

GPS LinkIt! website: **tinyurl.com/linkitgps**
(within Assessments on GPS website)

- FAQ

- Description of standards

- Supplemental questions and activities
  for every grade level

- Account troubleshooting

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