

# ***Malden Public Schools***

***Assessment, Student Learning, and Acceleration 2020-2022***



# *How do we measure our students' growth?*



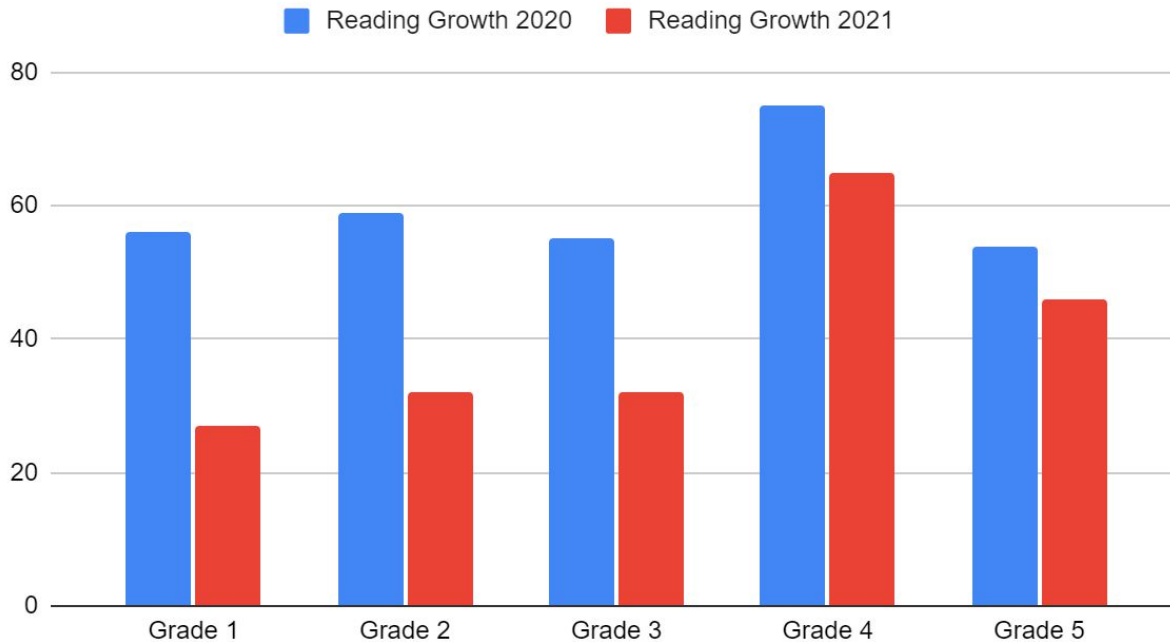


## *Reading Assessment, K-10*

- Adaptive diagnostic assessment
- Identifies grade level equivalence
- Intervention Component integration



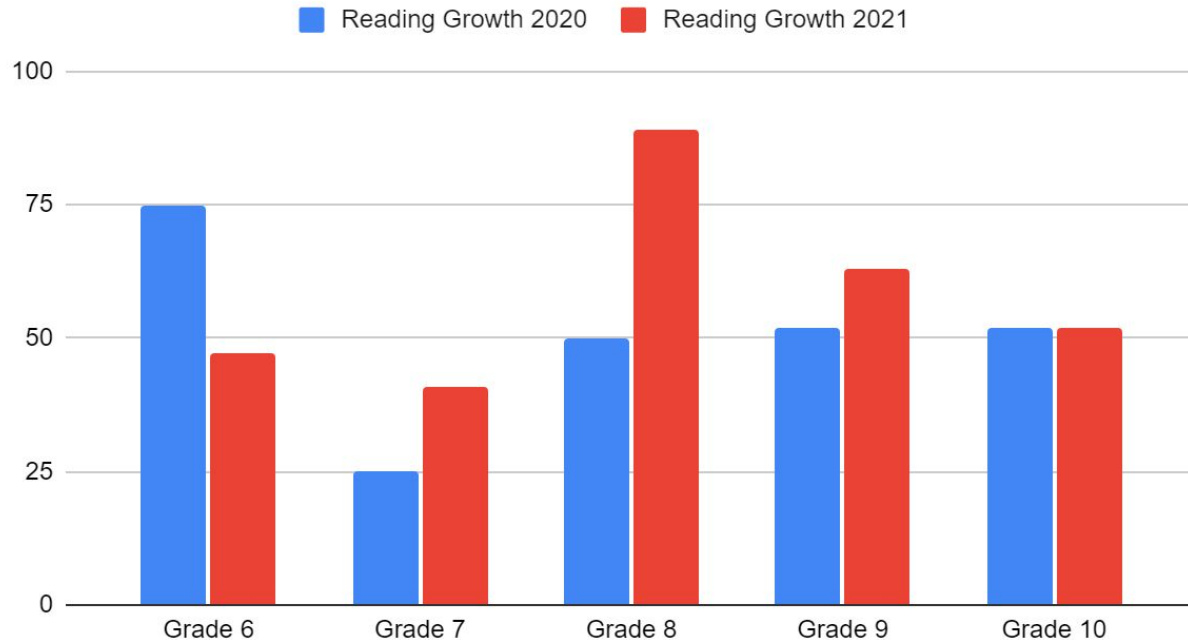
## Reading Growth Comparison 2020-2021



# Reading Growth Grades 1-5



## Reading Growth Comparison 2020-2021



# *Reading Growth, Grades 6-10*

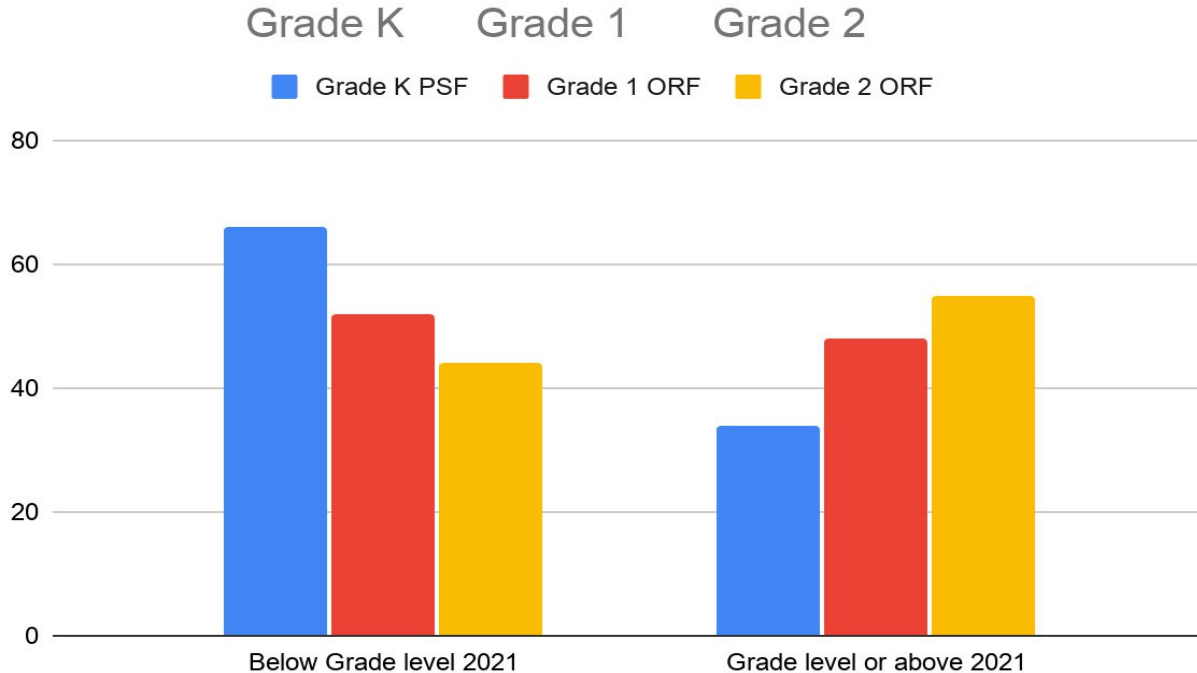
# DIBELS 8th Edition K-2

Dibels 8th Edition is a brand new assessment for SY 2020-2021

- Formative screener-not diagnostic- Tells us where instruction needs to begin
- Screens foundational skills (i.e. letter naming, phoneme segmentation, word reading, fluency)
- Each test is timed for one minute
- Recommended by Department of Education as a Dyslexia screener



# Dibels 8th Edition Evidence



# Common Writing Assessments, K-12

## Trends, K-5:

- Students are:
  - Demonstrating growth at evidence-based writing
  - Showing improvement in their typing skills
  - Utilizing pre-writing strategies
  - Using Glow and Grow feedback to build skills

## Trends, 6-12

- Students are:
  - Utilizing pre-writing strategies
    - Leading to a better finished product
  - Taking more risks in their writing
  - Effectively integrating annotations and quotations into writing
  - Bringing experiences and emotions into writing
  - Still developing in the use of effective evidence to make a claim
  - Still developing integration of analysis of sources into writing







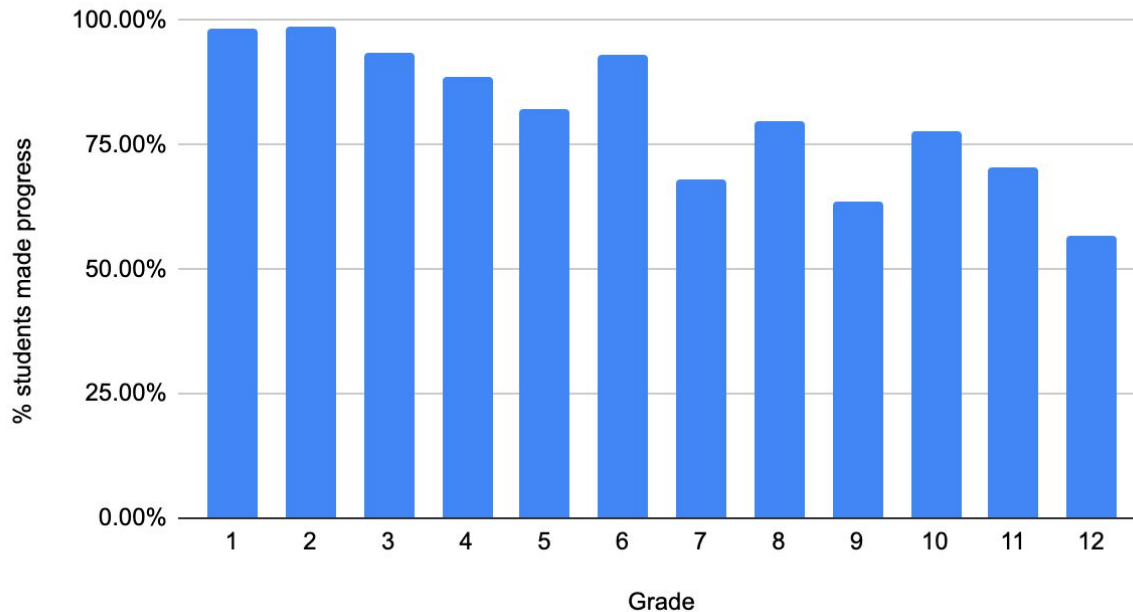
## *Math Assessment, K-12*

- IXL Math is a diagnostic tool that is aligned with state curricular frameworks
- When used on a regular basis IXL provides teachers with pinpointed data on student progress in math Standards.
- In 2019-20 students in kindergarten did not participate due to limited technology access
- High school students taking AP did not use IXL due to concerns it would take time away from instruction and would skew results



# Math Assessment, G1-12

Students Progress Winter 2020-Winter 2021



Note- These results are for the same cohort of students (current grade)



# *Math Assessment, K-12*

## Analysis:

- Growth remains significantly positive for all grades
- Consistency of curricular implementation has allowed for greater alignment across the district
- There is not data from last year for kindergarten and HS students in AP classes did not use IXL
- Expanded Eureka Math Pilot in grades K-5 indicate improved growth in those that participated

## Actions:

- Recent approval of 45 math assistant positions should be initially focused on students below grade level who are not making progress
- Fully implement Eureka Math in all classes for grades K-5
- Grade-level meetings with Math Coaches will continue into next year

# iLearning

- Is designed to **supplement** core literacy instruction for English Learners (ELs). It provides instruction and practice in all four domains of literacy—reading, writing, listening, and speaking. Teachers can monitor progress and target instruction for areas of need.
- Is an adaptive personalized learning program that automatically adjusts the difficulty of the questions according to each student's ability levels.
- Delivers explicit, targeted instruction to each student through personalized learning paths that continually adapt based on performance. After an initial placement test, ongoing predictive and evaluative checkpoints ensure students are working at the appropriate level to achieve growth.

***How are teachers using this data?***

# ***K-12 Literacy/ELA and History/Social Studies***

- **Data meetings**
  - Identify specific strategies and interventions to address gaps
- Data informed **student groupings** by grade/class
- **Interventions:** phonemic awareness, phonics, vocabulary, comprehension- using Project Read, Megawords and fluency practice, ReadWorks
- **Looking at Student Work** Protocols
- **Scoring Calibration** using common rubrics
- Implementing district wide formal **writing program**, K-12, SY 21-22
- Instituting systems of **learning acceleration** to address foundational gaps in preparation for September 2021

# Math Supports

What are we doing to move forward?

- Expand Eureka Math Pilot to include K-2
- Provide training to K-2 Teachers on Eureka Math
- Coaches will continue with grade-level, cross-district meetings throughout the year
- Provide Eureka Math Preparation and Customization training in the fall
- Explore and potentially pilot new curriculum for grades 6-8
- Continue examination of transition from grade 8-9 and add more paths to higher level math
- Examine curriculum across grades to ensure all standards are covered and gaps filled

# General Reflections

- Some younger students' gaps could be due to less experience with computer-based assessments. Many families expressed challenges with young students completing computer-based assessments.
- Older students are more comfortable using technology for assessments - relatively accurate measures of student learning, but fall diagnostic may have not been an accurate indication, accounting for larger growth than normal.
- There are some dips in student learning, but they can be mitigated and addressed with effective learning acceleration strategies.
- Learning acceleration is key for 2021-2022.