## Introduction

Multi-Tier Systems of Support (MTSS) frameworks provide educational equity for all students. Effective frameworks include quality assessment and instruction driven by data that indicates the impact of instruction and intervention on learning outcomes.

### Core Elements of MTSS

- Universal Screening
- Data-Based Decision Making
- Continuous Progress Monitoring
- Continuum of Evidence-Based Practices:
  - Tier 1: Quality core curriculum for **all students**
  - Tier 2: Modification of the core for students in need of **targeted instruction**
  - Tier 3: Specialized curriculum for students in need of **intensive instruction**

## MTSS and Digital Curriculum

Support MTSS programs with standards-based curriculum and assessment, personalized learning plans with adaptive remediation, and data to make tracking and responding to learning growth easy.

### Assessment to Identify Learning Gaps

Prescriptive assessment offers screening for grade-level and prerequisite content mastery. Allowing educators to identify and personalize the level, intensity, and duration of support aligned with each student's needs.
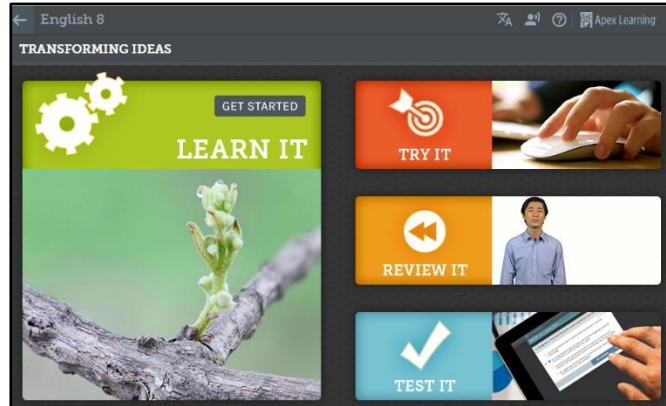
## Personalized Instruction Built from the Standards

Apex Learning makes grade-level standards accessible through embedded supports and scaffolds. The innovative app-like design includes direct instruction - Learn it, practice and application opportunities - Try it, High-impact videos – Review it, and assessment – Test it.

Personalized learning plans with adaptive remediation address identified learning gaps with targeted instruction for skills and concepts in alignment with grade-level instructional goals reaching back to the third grade.

Students reach grade-level mastery with just in time support, formative feedback, multiple ways to learn, stepped out instruction, and a wide range of scaffolds and supports.
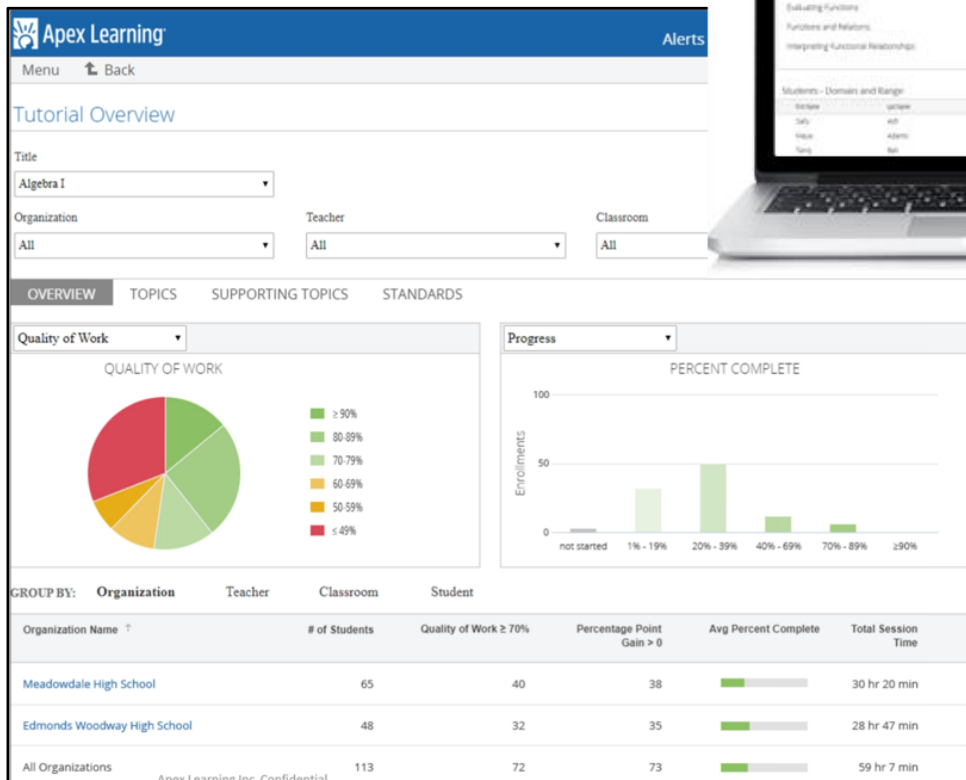
## Actionable Data

Interactive dashboards and reports provide real-time insight needed to make the data-based instructional decisions vital to differentiated instruction that drives student success.

District, school, classroom and student-level reports measure progress against your state standards to inform instruction and intervention.

Quickly identify how students are progressing in their learning and personalize the individual learning experience, finding and filling gaps to get students back on grade-level.

**Planning Your MTSS Program**

Your Implementation Success Manager will work with your team to address the following program factors.

## 1. Identify Program Goals

Clearly define program goals. Examples:

- Increase grade-level mastery
- Identify and remediate learning gaps
- Provide targeted intervention and support for struggling learners

## 2. Establish Observable Evaluation Metrics

Establish measurable outcomes in alignment with program goals. Examples:

- Increase initial course passage in English I and Algebra I by 15%
- Increase mastery of 8th grade mathematics standards across subgroups.
- Increase End of Course exam passage in English I and Algebra I by 10%

## 3. Determine Student Participation Criterion for each Tier

Use a universal screener to identify students who participate in each tier. Examples:

- Academic performance - course/unit failure
- Assessment scores (unit pretest, grade-level, SRI, course benchmark)
- Personal goals and challenges

## 4. Define the Instructional Model & Schedule for Optimal Frequency and Duration

Design instruction to increase in frequency and duration as students require higher tiers of support.

### Quality Core Instruction

Support **all students** with standards-based curriculum and formative assessment within the core instructional period for **25 minutes 1-2 times each week**.

Include teacher-led, whole-group direct instruction, reinforced by guided practice and individual practice activities. Use formative data to drive instruction and to identify students who require targeted remediation.

### Concept Recovery

**Select students** with learning gaps and those who have not demonstrated mastery of a concept complete corresponding modules until competency is demonstrated. Students may re-assess for a replacement grade.

### Targeted Instruction

Students work prescriptively in personalized learning plans that address identified learning gaps. **Select students** participate in teacher-led, small group instruction.

Teachers use the data dashboard to identify and pull 3-5 students for targeted instruction to address grade-level and prerequisite learning gaps in a rotational model.

Targeted instruction is most effective when it supports standards and pacing in alignment with core instruction. The most effective models allow additional time beyond the core instructional period.

## 5. Monitor Implementation Fidelity and Learning Gains

Closely monitor implementation fidelity, focusing on adoption of best practices to increase standards mastery, grade-level proficiency, and first-time course passage.