

TAYLOR INDEPENDENT SCHOOL DISTRICT

Mathematics Framework

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Overview

Vision Statement

Taylor ISD is committed to developing well rounded mathematicians and intentionally empowering the whole child. Access to grade-level mathematics for *all students* requires a balance of conceptual and procedural instruction with opportunities for productive struggle. The complexities of mathematics require classrooms rich in student discourse and authentic learning experiences. TISD is responsible for inspiring, equipping, and empowering students for college, career, and life with a solid foundation of math skills.

In Taylor ISD all students are capable of grade-level expectations, supported by high-quality math instruction and resources.

We believe that high-quality math instruction...

- creates a culture of questioning where students feel confident to take risks.
- celebrates the process of learning through productive struggle and students embrace mistakes as part of learning.
- includes daily opportunities for structured student discourse to communicate their thinking and conceptual understanding.
- involves students and families in setting clear goals and celebrating growth of grade level expectations.
- balances conceptual and procedural understanding with opportunities for students to demonstrate learning through concrete, representational, and abstract methods
- is relatable and tied to real-world experiences where students engage in authentic learning tasks and make connections to their everyday lives.

Stakeholder	Actions
	Identify where I am and set a goal for where I want to be
	 Actively engage in my learning by sharing ideas, asking questions, and pushing myself to apply mathematical learning to new concepts and situations.
Students will	Collaborate with others to grow my understanding of mathematics
	Celebrate my growth and success
	Support and celebrate my student as they pursue their goals and growth in math
Families will	Engage in what my student is currently learning in math
raiiiiles wiii	Collaborate with my child's teacher about their progress
	Be open minded to my child learning in new ways
	Utilize current data set and adjust goals for each student's unique potential
	Build and sustain a classroom community where all students feel safe and welcome
	Follow a shared vision of high-quality math instruction
Teachers and Staff will	Utilize the district-provided high-quality instructional materials and manipulative resources with fidelity
	Collaborate with peers, coaches, and leaders to ensure the delivery of high-quality lessons
	Intentionally plan scaffolds to grade-level content in support of individual student learning
	Celebrate individual student growth and success
	Support the shared vision of high-quality math instruction
Instructional Team will	Empower and support teachers to develop standards aligned, rigorous lessons
	Provide train and support in the use of district-provided high-quality instructional materials and resources
	Establish routines for data discussions and student-specific goal setting

Stakeholder	Actions
	Celebrate teacher and student growth and success
	Lead the shared vision of high-quality math instruction
Campus Administrators will	 Monitor and support teachers in the use of district-provided, high-quality instructional materials and resources
	 Build and sustain a culture where all students and teachers feel safe to take risks in implementing the Math Instructional Framework
	Celebrate campus, teacher, and student growth and success
District Leaders will	 Promote a shared vision of what high-quality mathematics instruction looks like
	 Provide high-quality instructional materials selected by a committee of teachers
	 Develop and refine district resources and curriculum in collaboration with teachers
	Celebrate district and campus growth and success

Mathematics Assessment Plan

In mathematics, we believe assessments are an important instructional tool that guide teaching and learning in the classroom. Each assessment has a purpose that will allow leaders, teachers, students, and parents the ability to understand where each student is at and create a learning plan to ensure each student reaches their unique educational goal.

Assessment	Grades	Purpose	Assessment Windows
Renaissance STAR Assessment	1st grade -5th Grade	Recognize and monitor a student's ability to achieve a level of proficiency for a particular subject	BOY: August MOY: January EOY: May
Curriculum Based Assessments	3rd grade- Algebra 1	Formative assessment to determine next steps for mastery of standards.	CBA 1: October CBA 2: December
STAAR Benchmark	3rd grade- Algebra 1	Practice STAAR test to predict mastery student performance on the state assessment. Used to determine interventions and extensions.	STAAR Benchmark: February
STAAR Assessment	3rd grade- Algebra 1	Summative assessment to determine if students have mastered grade level expectations.	Math STAAR- April EOC Retest- December

6th-Algebra 1 Grade Math Block

TMS-48 minute block THS- 50 minute block **Legacy- Double Block**

Allotted Time	General Description
5 Minutes	Mathematical Fluency
5-10 Minutes	Problem of the Day
5-10 Minutes	Whole Group Instruction: I Do
10-15 Minutes	Guided Practice: We Do
10-15 Minutes	Independent Practice: You Do
5 Minutes	Exit Ticket

1st-5th Grade Math Block

NPE and MSE 90 minutes

Allotted Time	General Description
10-20 Minutes	Numeracy Warm-Up: Fluency/ Problem of the Day
10-15 Minutes	Whole Group Instruction: I Do
15-20 Minutes	Guided Practice: We Do
25-30 Minutes	Independent Practice: You Do
5-10 Minutes	Exit Ticket/ Closure

Kindergarten Grade Math Block

THJ - 60 minutes

Allotted Time	General Description
5-10 Minutes	Mathematical Fluency
5-10 Minutes	Problem of the Day
10 Minutes	Whole Group Instruction: I Do
10 Minutes	Guided Practice: We Do
45 Minutes	Independent Practice:/Math Centers You Do
5-10 Minutes	Exit Ticket/ Closure

District Instructional Resources

TH Johnson Elementary

Grade	Material	Publisher
Kindergarten	Go Math	НМН
Kindergarten	Stemscopes	Stemscopes
Kindergarten	Freckle	Renaissance

Naomi Pasemann and Main Street Elementary

Grade	Material	Publisher
1,2,3,4,5	TeksResourceSystem	TCMPC
1,2,3,4,5	Go Math	НМН
1,2,3,4,5	Stemscopes	Stemscopes
1,2,3,4,5	Freckle	Renaissance
1,2,3,4,5	IXL	IXL

Taylor Middle School

Grade	Material	Publisher
6-8	TeksResourceSystem	TCMPC
6-8	Go Math	НМН
6-8	Stemscopes	Stemscopes

Taylor High School

Subject	Material	Publisher
All Grades	TeksResourceSystem	TCMPC
Algebra 1	Texas Algebra 1	McGraw- Hill
Algebra 2	Texas Algebra 2	McGraw- Hill
Geometry	Texas Geometry	McGraw- Hill
Precalculus	Texas Precalculus	McGraw- Hill
A1, G, A2, PreC	ALEKS Standalone	McGraw- Hill
Math Models	Mathematical Models with Applications	Pearson
Calculus	Calculus	НМН
AP Calculus	Calculus AP: Graphical, Numerical, Algebraic	Pearson
Math Intervention & Enrichment	Edgenuity	Edgenuity

Legacy Early College High School

Grade	Material	Publisher
All Grades	TeksResourceSystem	TCMPC
Algebra 1	Texas Algebra 1	McGraw- Hill
Algebra 2	Texas Algebra 2	McGraw- Hill
Geometry	Texas Geometry	McGraw- Hill
AP-SAT	Modeling the World	Boch, Vellman & DeVeany
All Math	APEX	APEX