

TVDSB Seven Foundational Principles for Improvement in Mathematics, K-12

1

TVDSB develops comprehensive mathematical proficiency, which includes the five attributes of success in math: conceptual understanding, procedural fluency, strategic competence, productive disposition and adaptive reasoning.

2

TVDSB empowers educators who are mathematical leaders willing, able and responsible for strengthening mathematics throughout the system by co-learning, co-planning and co-teaching with one another, with students, with parents and the community beyond.

3

TVDSB engages mathematics educators in developing a deep understanding of teaching and learning through differentiated instructional practices based on students' strengths, interests, and readiness, supported by sound educational research.

4

TVDSB invests in collaborative models for professional mathematics learning that are grounded in data and informed by research to stimulate educators' curiosity while differentiating for educator learning needs.

5

TVDSB enhances learning for all students by attending to each learner's unique profile in intentional and responsive environments so that every student can experience growth.

6

TVDSB uses a variety of assessment and evaluation strategies in mathematics working with students in an environment that promotes learning and growth through timely descriptive feedback.

7

TVDSB integrates a diverse repertoire of instructional resources and strategies to promote a coherent approach to mathematics.

Foundational principles are beliefs formed from core sources that influence actions.

