bhanzu Learning Center

Level 2B

Grade 4

1 Hour 45 Min Classes | Once A Week



Level 2B at Bhanzu builds lasting confidence in advanced arithmetic and early algebra through strong concepts and real-world problem-solving.

Students strengthen core operations with Speed Math, explore geometry and measurement, and deepen understanding of fractions, ratios, percentages, probability, and equations through engaging, real-world learning.

Geometry and Number Theory

- Points, Lines & Angles
- Properties of Triangles & Quadrilaterals
- Perimeter & Area
- Types of Fractions
- Comparing Fractions
- Operations on Fractions
- Intro to Decimals
- Scenario Based Questions

Geometry and Number Properties

- Units Of Measurement
- Intro To Volume
- Circle & Circumference
- Perimeter & Area Of Shapes
- Symmetry & Rotations
- LCM & GCF
- Introduction To Exponents
- Scenario Based Questions

Exploring Patterns, Logic & Probability

- Ratios & Proportions
- Introduction To Percentages
- Binary Numbers And Logic Gates
- Introduction To Probability
- Set Theory & Its Applications
- Data Handling
- Coordinate Geometry
- Scenario Based Questions

This Module Will Be Conducted Post **Summer Break**

Mastering Number Sense & Operations

- Speed Math For Addition & Subtraction
- Operations Of Integers
- Integers & Their Applications
- Speed Multiplication & Division
- Order Of Operations
- Properties Of Operations
- Variable & Equations
- Scenario Based Questions

TEKS & CCSS ALIGNED

Instant Doubt Solving

24/7 AI-powered support that explains concepts while your child gets stuck.

Structured and Personalised In-Class Practice

Every class pairs instruction with guided practice, so concepts are applied the same day.

Mandatory Worksheets

Practice worksheets for every topic with optional higher-order challenge questions.

Summary Notes

Teacher-curated notes shared after every class, giving parents full visibility into exactly what was taught.

Make-Up Classes

Catch up with dedicated make-up classes whenever you miss a session.

How do we measure progress?

- **Sharpen Up:** In-class practice after every session monitored by teachers
- **Knowledge Checks:** Pre & post knowledge check every 2 months
- **Worksheets:** QR coded worksheets to track every child's progress

BLC Parent App

Stay updated with schedules, feedback and detailed progress reports.

Student Dashboard & Brain Gym

Track worksheet scores, attendance & get unlimited practise.

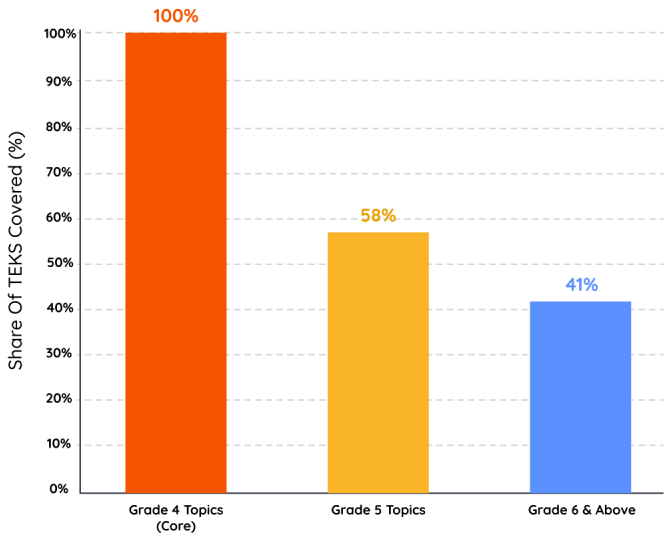
Parent Teacher Meet (PTM)

One-on-one check-ins with your child's trainer to review progress, discuss gaps, and align on next steps.

TEKS & CCSS Curriculum Coverage

Level 2B is anchored in Grade 4 TEKS and CCSS, and is intentionally built to stretch a few grades ahead so that students establish strong foundations & get ahead confidently.

Grade-level spread of TEKS coverage



Domain-by-domain TEKS coverage

TEKS Domain (Grade 4)	Coverage	Notes
Number & Operations	Full	Speed methods for Addition, Subtraction, Multiplication, Division, Fractions, Decimals
Algebraic Reasoning	Full	Numerical Patterns, Properties, Expressions, Equations
Geometry & Measurement	Full	Shapes, Angles, Symmetry, Coordinate Plane, Area, Perimeter, Volume, Time, Unit Conversions
Data Analysis	Full	Data Representation, Graphs
Personal Financial Literacy	Full	Referenced across modules

Exam Band — Where This Curriculum Shows Up

Level 2B's TEKS + CCSS alignment means the skills students build map directly onto the exams Texas (and CCSS-state) Grade 4 students actually sit for.

STAAR Grade 4 Math Texas state assessment

How Bhanzu helps: Module 2's fraction/decimal sequence directly targets STAAR's heaviest-weighted reporting category. Scenario-based questions and module quizzes build the multi-step stamina STAAR demand.

NWEA MAP Growth CCSS-aligned, used nationwide

How Bhanzu helps: CCSS-tagged modules sit on the same skill ladder MAP measures growth against. Because Level 2B stretches into Grade 5–7 content, students are positioned for above-grade rigour.

Texas Credit by Exam (CBE) Grade/course acceleration

How Bhanzu helps: Coverage across 8 of 10 Grade 4 TEKS strands leaves little tested content unaddressed. Built-in module quizzes mirror the high-stakes format a CBE test uses.

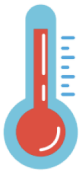
Math Kangaroo / MOEMS Enrichment & competition math

How Bhanzu helps: Binary numbers, logic gates, set theory, and probability modules build exactly the puzzle-reasoning these contests reward. Scenario-based questions in every module train students to apply skills in novel, non-routine contexts.

Sample Problems

Here are a few sample questions that students will be able to solve upon completing each module of Level 2B

Q1. The temperature today is 5°C, but it drops by 8°C. What is the new temperature?



Q2. Solve mentally

$$\frac{2}{5} - \frac{3}{8} = ?$$

Q3. What is the value of 6^4 ?

Q4. You roll a die. What is the probability of rolling a 4?



Q5. Solve mentally

$$87655 \times 3 = _____$$

Q6. If one of the angles in a parallelogram is changed from an acute angle to a right angle, would the shape still be a parallelogram? If not, what would be the new shape and why?

Q7. A circle has a radius of 10 cm. What is its diameter?



Q8. Plot the point (2, -3) on a coordinate plane. What quadrant is it in?

