bhanzu Learning Center

Level 2C

Grade 5

1 Hour 45 Min Classes | Once A Week



Level 2C at Bhanzu is designed to build a strong foundation for higher algebra and geometry by strengthening conceptual understanding and problem-solving skills.
Students improve arithmetic fluency through Speed Math while exploring fractions, decimals, algebra, measurement, exponents, volume, and 3D geometry. The curriculum also develops logical reasoning through patterns, ratios, coordinate geometry, and data handling, helping students build mathematical confidence and analytical thinking.

Geometry & Number Theory

- Coordinate Geometry
- Lines & Angles
- Properties of Special Quadrilaterals
- Fractions: Addition & Subtraction
- Fractions: Multiplication & Division
- Decimals – Deep Dive
- Operations on Decimals
- Scenario Based Questions

Applied Arithmetic & Geometry

- Ratios & Proportions
- Direct & Inverse Proportions
- Percentages & Applications
- Introduction To Exponents
- Perimeter, Area & Volume
- Volume Of Composite Shapes
- Symmetry, Rotations & Transformations
- Scenario Based Questions

Data, Logic & the Language of Mathematics

- Prime Factorization
- LCM & GCF
- Mean, Median & Mode
- Probability & Applications
- Venn Diagrams & Set Operations
- Difference & Complement Of Sets
- Types Of Numbers
- Scenario Based Questions

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

Advanced Arithmetic I

- Speed Addition & Subtraction
- Speed Multiplication & Division
- Fractions & Decimals
- Rational & Irrational Numbers
- Operations On Rational Numbers
- GCF, LCM & Their Relationship
- Variables & Solving Simple 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.

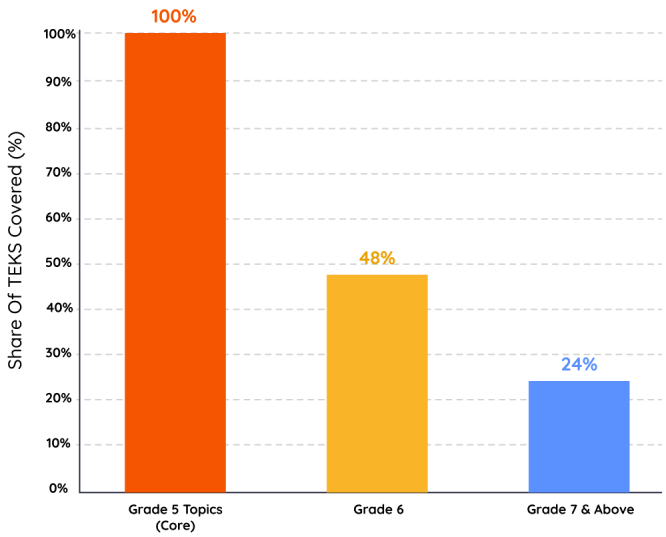
Parent Teacher Meet (PTM)

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 2C is anchored in Grade 5 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 5)	Coverage	Notes
Number & Operations	Full	Integers, multi-digit operations, fractions, decimals, speed math
Algebraic Reasoning	Full	Order of operations, variables & equations
Geometry	Full	2D shapes, quadrilaterals, coordinate geometry
Measurement & Volume	Full	Perimeter, area, volume, composite shapes, conversions
Data Analysis	Full	Mean, median, modem, data representation & analysis
Personal Financial Literacy	Full	Referenced across modules

Exam Band — Where This Curriculum Shows Up

Level 2C's TEKS + CCSS alignment means the skills students build map directly onto the exams Texas (and CCSS-state) Grade 5 students actually sit for.

STAAR Grade 5 Math Texas state assessment · SSI grade-advancement test

How Bhanzu helps: Module 2's fraction/decimal deep-dive and Module 3's volume work target STAAR's two heaviest Grade 5 categories directly. Module quizzes replicate the pass/fail stakes of SSI retest rounds, building real exam-day confidence.

NWEA MAP Growth CCSS-aligned, used nationwide

How Bhanzu helps: CCSS-tagged modules mirror the exact skill ladder MAP measures growth against. Content stretching into Grade 6–8 keeps advanced students climbing instead of plateauing on MAP.

Texas Credit by Exam (CBE) Grade/course acceleration

How Bhanzu helps: Coverage across 7 of 9 Grade 5 TEKS strands leaves little tested content unaddressed. Ratio, proportion, and exponent modules build exactly the pre-algebra readiness CBE panels look for.

Math Kangaroo / MOEMS Enrichment & competition math

How Bhanzu helps: Prime factorization, Venn diagrams, and set operations (Module 4) build exactly the logic-puzzle reasoning these contests reward. Scenario-based questions in every module train novel problem application, not rote recall.

Sample Problems

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

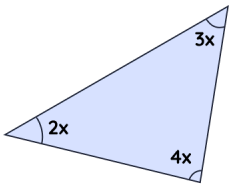
Q1. Solve mentally

(-6754) x (-4) =

_____

Q2. A triangle has the following angles:

2x, 3x, 4x. Using the angle sum property of a triangle, find the value of x.



Q3. A fish tank measures 4 × 3 × 2 ft.
What is its volume?



Q4. Find the mean of

12, 18, 25, 31, 44

_____

Q5. Solve

-4512/8 = _____

Q6. A recipe needs 3/4 cup of sugar. You make it 2 times. How much sugar do you need?



Q7. As the number of toys in a box increases, the free space in the box decreases. What kind of proportion does this show?

Q8. A bag has 8 red balls and 2 blue balls. What is the probability of picking a red ball?

