LEARN PLAY NEXUS

See It. Feel It. Trust It.

Primary Fractions

Hands-on fractions in solid carbonised bamboo



The Primary Set: 55 carbonised bamboo pieces, 3 bases and a cloth drawstring bag.

Fractions children can hold

Fractions click when children can pick them up. Primary Fractions turns an abstract idea into a hands-on puzzle: pupils fit slices together, compare them side by side, and discover for themselves that two quarters fill the same space as one half.

- **Carbonised bamboo**: tough, warm-toned and built for years of classroom use.
- **Engraved fractions** on every piece, so labels never wear off.
- **Three bases** for comparing fractions and equivalence side by side.
- **Eco-friendly**: sustainable bamboo, supplied in a reusable cloth drawstring bag.

Two sets to choose from

Primary Set – 55 pieces

3 bases. 1 whole, 2 halves, 3 thirds, 4 quarters, 5 fifths, 6 sixths, 7 sevenths, 8 eighths, 9 ninths and 10 tenths. Built for equivalence, comparing, ordering and adding fractions.

Early Years Set – 10 pieces

2 bases. 1 whole, 2 halves, 3 thirds and 4 quarters. The perfect first step into fractions for Early Years and KS1.

Both sets come in the same natural cloth drawstring bag.

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Endless ways to make a whole

The maths inside the bag

PRIMARY SET — 55 pieces • 3 bases

60 ways to make one whole

24,505 ways to fill all 3 bases at once

EARLY YEARS SET — 10 pieces • 2 bases

5 ways to make one whole

9 ways to fill both bases at once

Try these with your class

- 1/2 + 1/3 + 1/6
- 1/3 + 1/3 + 1/6 + 1/6
- 1/4 + 1/4 + 1/5 + 1/5 + 1/10
- 1/2 + 1/5 + 1/10 + 1/10 + 1/10

The sevenths mystery

Sevenths never combine with any other piece in the set. The only way to use them is all seven together. Why? It is a brilliant reasoning question that gets children thinking about how denominators work.

Why the pieces come loose

There is no fixed tray, and that is deliberate. Children tip the pieces out of the bag and play. Our free Learn Play Nexus worksheets turn that play into structured games, such as:

- **Fill the Base:** roll a dice, collect pieces and race to complete a whole.
- **Mystery Bag:** feel a piece without looking, then name the fraction.
- **Equivalence Match:** find two different ways to cover the same slice.
- **Odd One Out:** spot the pieces that won't mix with the others.

Supports the curriculum

Unit and non-unit fractions • Equivalent fractions • Comparing and ordering • Adding fractions to make a whole • Mathematical reasoning. Suitable from Early Years to Year 6 in England and across primary classes in Ireland, for whole-class teaching, small-group intervention and independent play.



Early Years Set: 10 pieces and 2 bases



Packed in a cloth drawstring bag