

Numbers & Thinking - Foundational 2 - Unit 2

Fraction Gymnastics

 **Sessions:** 6 sessions  **Subject:** Numbers & Thinking

TOPICS

- Multiply divide fractions
- Unit fractions

KNOWLEDGE

SKILLS

- Multiplying fractions multiplies numerators and denominators.
- Dividing by fraction flips second and multiplies.
- Unit fraction has numerator one.

- Multiply 1-2 by 2-3.
- Divide 3-4 by 1-2.
- Simplify result.

INCLUSION (DIFFERENTIATION)

- Stretch: chain two operations.
- Support: visual bar model before numbers.

KEYWORDS

multiply fraction, divide fraction, simplify, fraction, numerator

TEACHING IDEAS

Use paper strips halves thirds to show product visually.
Flip second strip to show reciprocal.
Count sections to see answer.
Use a supermarket leaflet to estimate a total and then add exactly to compare..
Make place-value cards (thousands, hundreds, tens, ones) and build given numbers..
Keyword help:
Fraction: a part of a whole written a/b .
Numerator: the top number of a fraction (parts you have).

BOOK RESOURCES

CGP KS3 Maths Higher - Section 1: Numbers - Fractions (Page 12)