

MATHEMATICS · CLASS 5

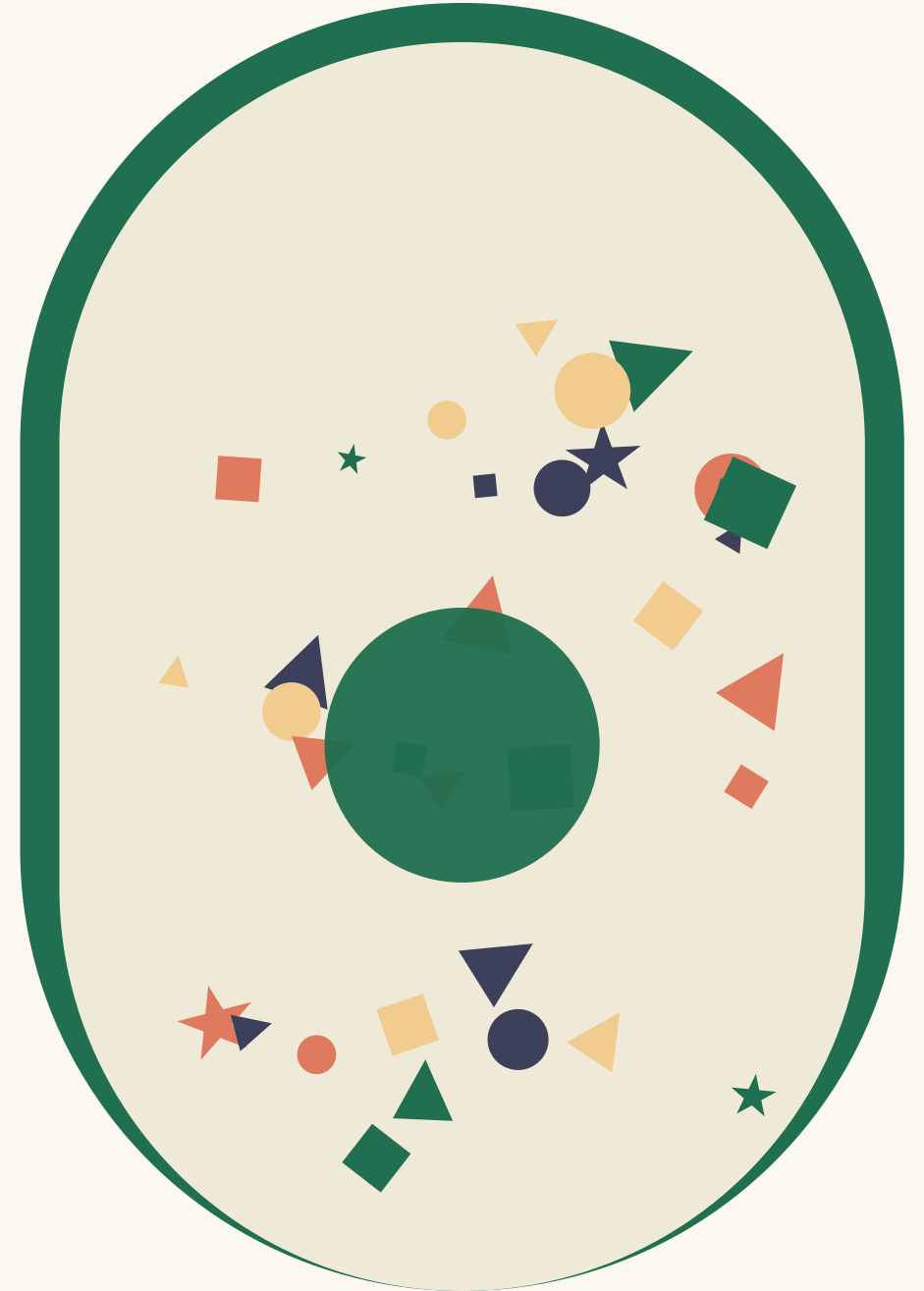
Fractions Made Easy

Parts of a whole, equivalent fractions and comparing

TEACHER
Teacher Name

CLASS
5

PERIOD
40 minutes



Lesson plan

01

Warm-up

02

Learn

03

Explore

04

Practise

Learning objectives

- Understand a fraction as part of a whole
- Find equivalent fractions
- Compare fractions
- Use fractions in everyday problems

YOU ALREADY KNOW

How to divide a shape into equal parts.

**If you share one pizza with
three friends, how much
does each of you get?**

Think about it

What is a fraction?

A fraction shows equal parts of a whole.

The bottom number (denominator) tells how many equal parts the whole is cut into. The top number (numerator) tells how many parts we take.



Diagram / picture

Key terms



Numerator

The number of parts we take.



Denominator

The number of equal parts in the whole.



Equivalent

Different fractions with the same value.

Finding equivalent fractions

1

Pick

Start with $\frac{1}{2}$

2

Multiply

Top and bottom by the same number

3

Check

$\frac{2}{4}$, $\frac{3}{6}$, $\frac{4}{8}$ all equal $\frac{1}{2}$

4

Draw

Shade shapes to prove it

Comparing with one half

Fraction	Picture	Compared with $\frac{1}{2}$
$\frac{1}{4}$	One of four parts	Smaller
$\frac{3}{4}$	Three of four parts	Bigger
$\frac{2}{4}$	Two of four parts	Equal

Draw each fraction to check.

Did you know?

$1/2$

the most common
fraction in recipes

100

hundredths make one
whole

4,000

years of fractions in
history

Real-life examples



Image 1

Sharing food

Pizza, rotis and fruit



Image 2

Time

Half an hour, quarter past



Image 3

Money

50 paise is half a rupee

Proper vs improper

Proper

- Numerator smaller
- Less than one whole
- e.g. $\frac{3}{5}$

vs

Improper

- Numerator bigger
- More than one whole
- e.g. $\frac{7}{4}$

Check your understanding

- Which is bigger: $\frac{3}{8}$ or $\frac{5}{8}$?
- Write two fractions equal to $\frac{1}{3}$
- What fraction of an hour is 15 minutes?
- Shade $\frac{2}{5}$ of a rectangle

Activity time



Fraction strips

Cut strips into halves, quarters and eighths.



Pizza maths

Share paper pizzas fairly.



Fraction hunt

Find fractions around the classroom.

Homework

- Exercise 4.2, questions 1–6
- Find three fractions at home and draw them
- Make a fraction wall chart

Great work today!

Next lesson: Adding fractions

Teacher Name

Class 5

