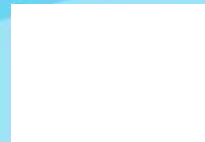


Maths

Addition, Subtraction,
Multiplication and Division

Division Doughnuts



Aim

- I can divide numbers using a formal written method.

Success Criteria

- I can divide numbers by a two-digit number.
- I can use a formal written method.

Multiplication Ball



Get into a small group.



We're going to play a short game. The first person in your group
Your task is to complete as many passes as you can before time runs
out! Click this button for a 6 minute countdown.
Time's Up!
the question.

Welcome to My Kitchen

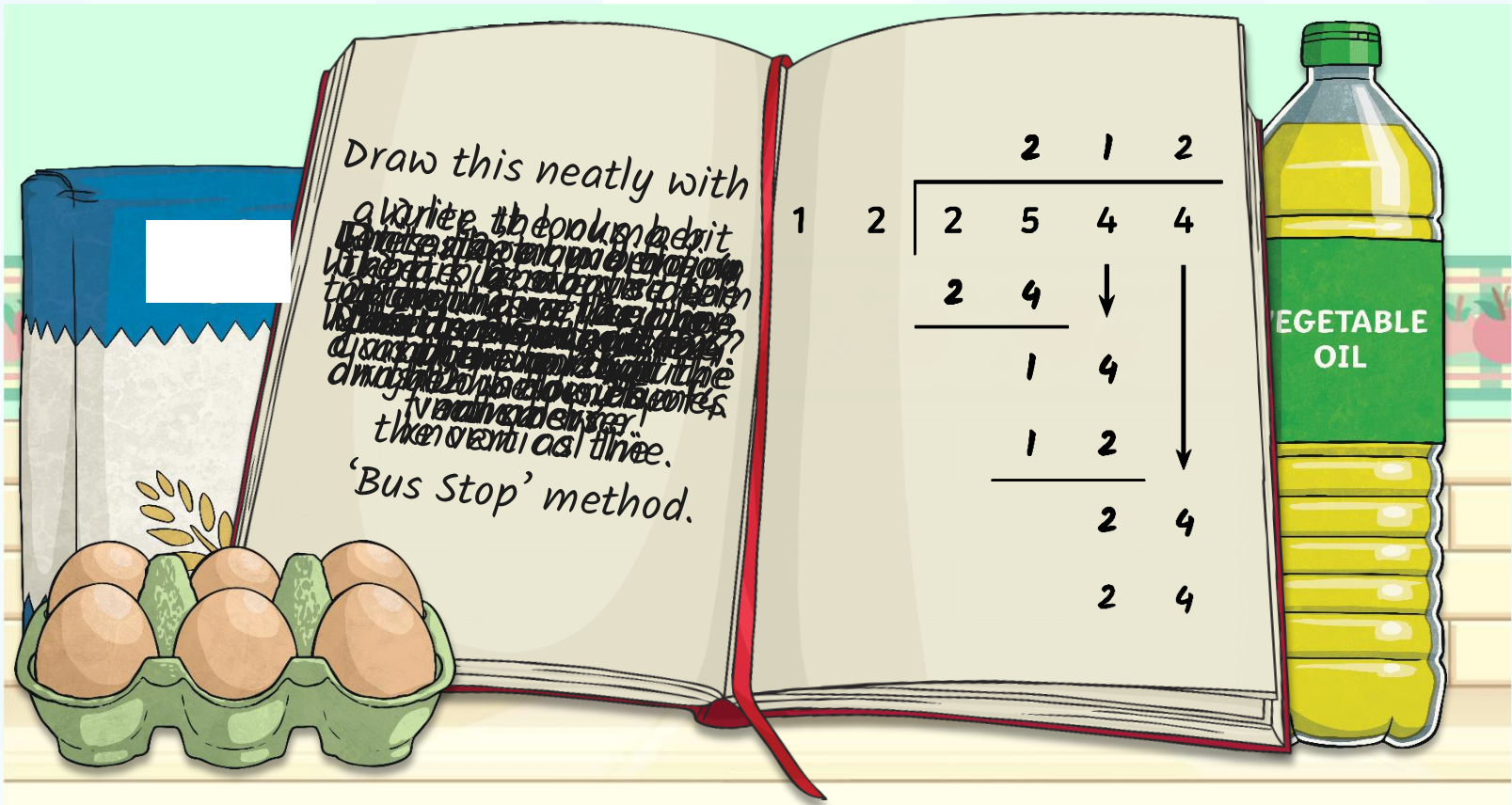
Hello and welcome my kitchen.
I'm making lots of different doughnuts for the school fayre.



Welcome to My Kitchen

We're going to divide four-digit numbers by two-digit numbers using the formal written method, long division.

$$2544 \div 12 = 212$$

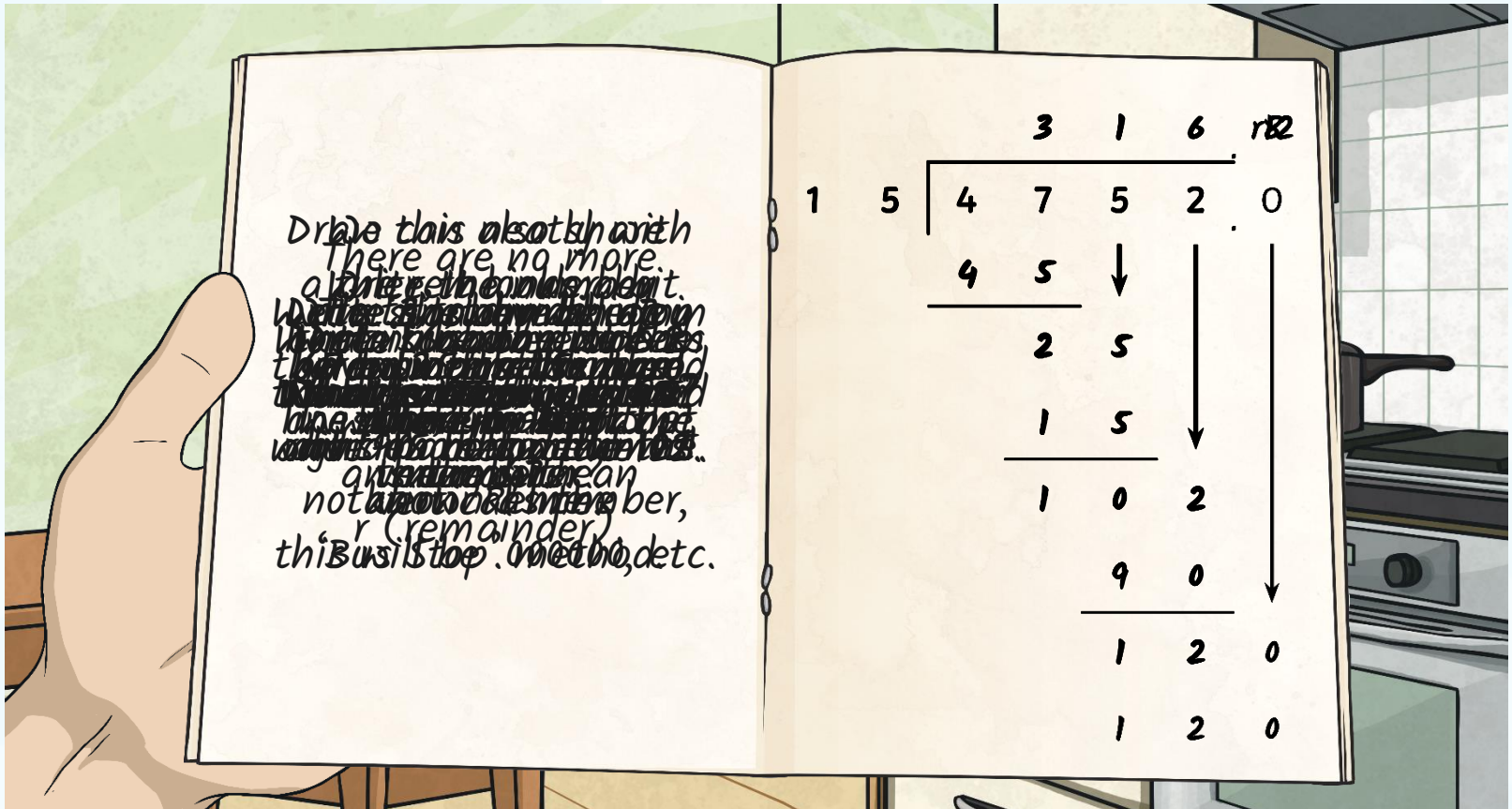


Welcome to My Kitchen

Again, we're going to divide a four-digit number by a two-digit number using long division.

$$4752 \div 15 =$$

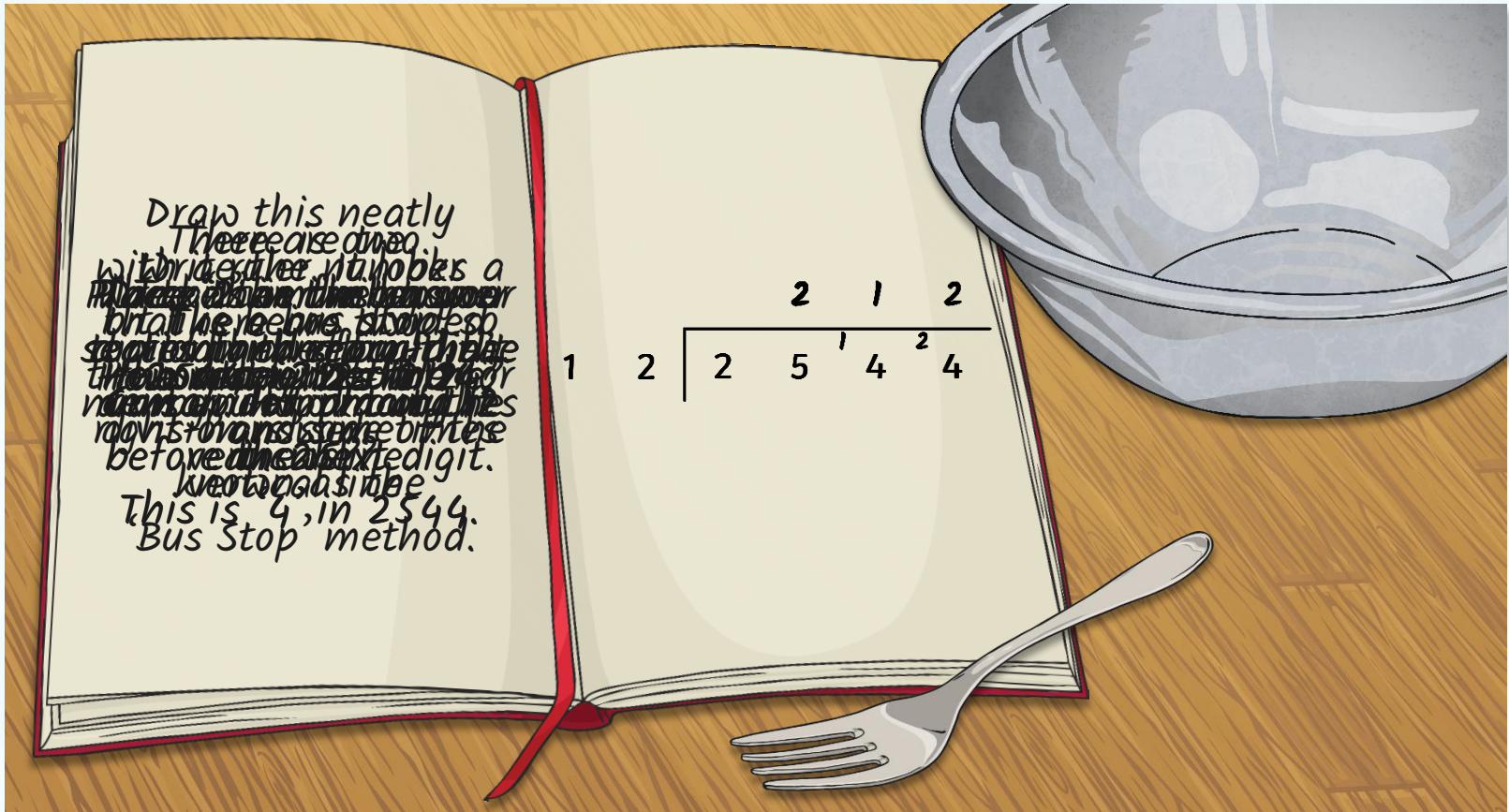
using long division.



Welcome to My Kitchen

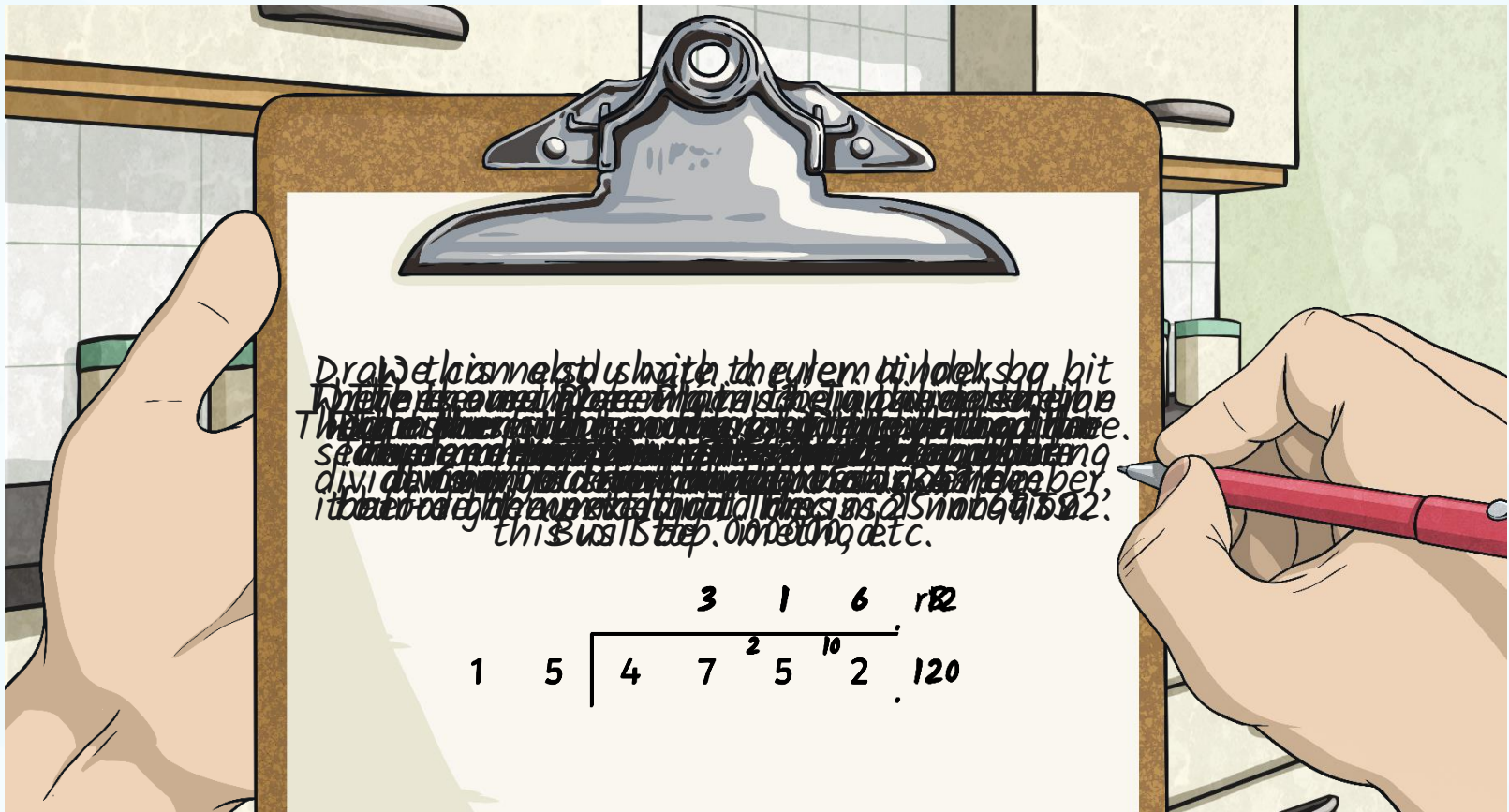
Let's try a different formal written method. We're going to divide a four-digit number by a two-digit number using short division.

$$2544 \div 12 =$$

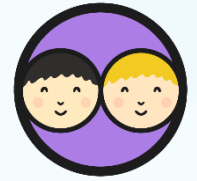


Welcome to My Kitchen

Sometimes, there maybe a remainder or decimal notation is needed.



Doughnut Distribution



Oh no! The labels have fallen off the boxes.
Can you match the note to the correct filling?

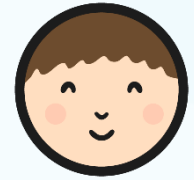
The illustration shows three gift boxes on a light blue and white plaid tablecloth. Above the boxes are three white labels with black text. The labels contain the following information:

Filling	Total Doughnuts	Doughnuts per pack
Raspberry-filled	8664	57
Chocolate-filled	4675	11
Custard-filled	8448	24

The gift boxes have the following labels:

- Red box with a yellow ribbon: Total number of packs: 425
- Red box with a green ribbon: Total number of packs: 352
- Green box with a white ribbon: Total number of packs: 152

Division Doughnuts



Use your marvellous maths skills to complete these activity sheets:

Division Doughnuts

I can divide numbers using a formal written method.

Use the space in the box on the right-hand side to work out the calculations using a formal written method. Can you finish the entire doughnut?

Once completed, use a calculator to check your answers. Colour each section that you answer correctly.

My Working Out

294 ÷ 42 800 ÷ 22
957 ÷ 37 845 ÷ 13
934 ÷ 41 952 ÷ 17
714 ÷ 42 781 ÷ 11
966 ÷ 14 672 ÷ 56

twinkl planit

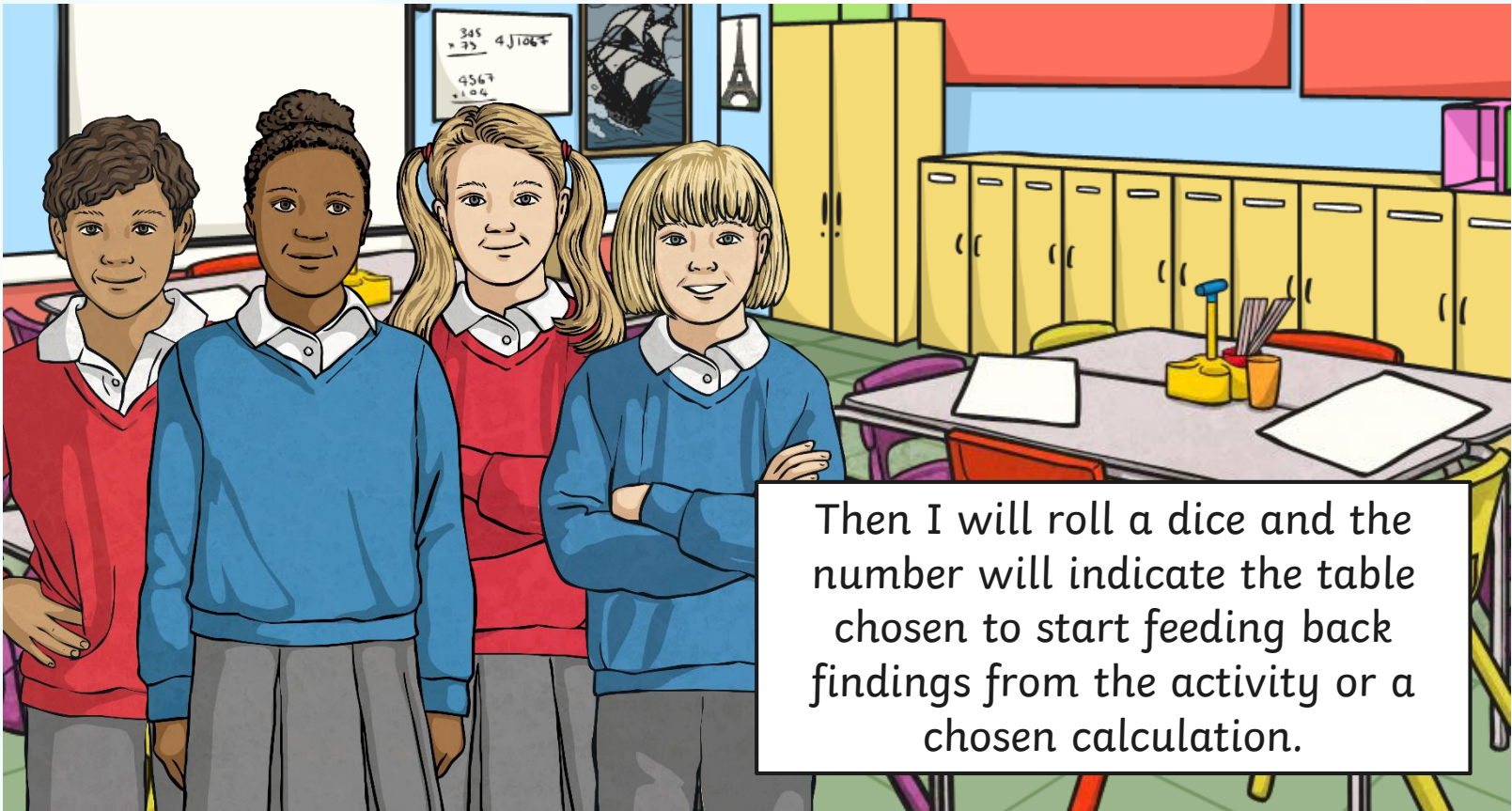
Maths | Year 5 | Addition, Subtraction, Multiplication and Division | One of Our 60 Minutes | Lesson 7 of 8 | Doughnut Division



Dice Discussion



I will split the class into six groups and number each group one to six.



Aim



- I can divide numbers using a formal written method.

Success Criteria

- I can divide numbers by a two-digit number.
- I can use a formal written method.

