

Lesson 4 – Snack time

Objectives

- Use imperative verbs to write an instructional text.
- Estimate and calculate lengths using standard and non-standard units of measure.
- Identify fractions of quantities.

Outcomes

- Revolting recipes
- Estimations of different lengths using wafer biscuits and biscuit fractions
- Maths activity board game.

Resources

- Activity sheet 8 – Revolting recipes
- Liz Pichon shows the class how to doodle different cooking verbs on the Videos of Liz Pichon playlist at www.youtube.co.uk/scholasticfilmsuk

Lead in

Tom always seems to be hungry and has a very sweet tooth! Invite children to brainstorm as many imperative 'cooking' verbs as they can. For example, simmer, season, stir, boil, and so on.



Task 1

In A Tiny Bit Lucky, Tom's class make pizzas as part of enrichment week, but during the planning stage they come up with some very strange toppings such as raspberry jam, chips and cheese! Tom's Granny Mavis is also known for her rather unappetising recipes such as 'Chicken and Cornflake Surprise'. In this activity, children will create their own recipes for Granny Mavis.

Give pairs of children a copy of activity sheet 8. Ask them to cut out the food cards, muddle them up and place face-down on the table. They should take turns to turn over two cards in order to come up with combinations. Write out the recipe using lots of the imperative verbs from the lesson starter.

Task 2

Tom's favourite food is caramel wafers (closely followed by any other type of biscuit), so use biscuits as the basis for some tasty maths. Develop children's estimation skills by asking them to predict different lengths using wafer biscuits as a unit of measure. For example, how many wafers long is the table? How many wafers would you need to put end to end to get from the classroom door to the hall? More able pupils could measure the length of a wafer in centimetres, and then calculate the exact distances using multiplication.

Give groups of children a selection pack of different biscuits and a large piece of paper. Ask them to use the biscuits to create an image - for example, a face, a train or a guitar. Then ask them to record what fraction of the whole image has been made with each biscuit type. Arrange the fractions in order of size. Can these fractions be expressed in a simpler form? More able pupils could create some word problems based on the fractions or express the fractions as decimals. Whether or not you eat the biscuits afterwards is up to you!



Task 3

The inside covers of Tom Gates Extra Special Treats (not) feature Snakes and Ladders board games based on events in the book. Set groups of children the challenge of designing and making a 'Tom Gates Snakes and Wafers' maths board game (substituting wafers for the usual ladders). Explain that when you go down a snake you have to answer a maths challenge card, and when you go up a wafer you can turn over a doodle challenge card. The children should devise their own questions for the challenge cards, drawing on recent learning in maths.

Extension

Give children the opportunity to play each other's games and evaluate each other's challenge cards.



Curriculum links

KS2 Years 3-4, Writing - composition

Pupils should be taught to:

- plan their writing by:
 - discussing writing similar to that which they are planning to write in order to understand and learn from its structure, vocabulary and grammar
- draft and write by:
 - composing and rehearsing sentences orally (including dialogue), progressively building a varied and rich vocabulary and an increasing range of sentence structures

KS2 Year 3 Mathematics

Pupils should be taught to:

- compare and order unit fractions, and fractions with the same denominators
- identify, represent and estimate numbers using different representations
- recognise, find and write fractions of a discrete set of objects
- solve problems that involve all fractions
- measure, compare, add and subtract lengths

KS2 Year 4 Mathematics

Pupils should be taught to:

- solve simple measure and money problems involving fractions and decimals to two decimal places
- convert between different units of measure

KS2 Year 5 Mathematics

Pupils should be taught to:

- compare and order fractions whose denominators are all multiples of the same number



KS2 Year 6 Mathematics

Pupils should be taught to:

- compare and order fractions, including fractions > 1
- associate a fraction with division and calculate decimal fraction equivalents for a simple fraction
- solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate

KS2 Design and Technology

When designing and making, pupils should be taught to:

- generate, develop, model and communicate their ideas
- select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities



Activity sheet 8: Revolting recipes

Design some lovely recipe combinations for Granny Mavis using the food cards below.

cabbage	lasagne	rolls
banana	biscuits	chips
soup	stew	spaghetti
cornflake	meringues	pie
fingers	chocolate	in white wine
sandwiches	meatballs	aubergine
yoghurt	casserole	cakes
quiche	peanut	carrot
lettuce	porridge	vol-au-vents
sausages	lentils	pasta
omelette	fritters	custard

