National
Numeracy *Strategy*

Unit 2
Multiplication and division 1

Year 5
Summer term

Unit Objectives

Year 5

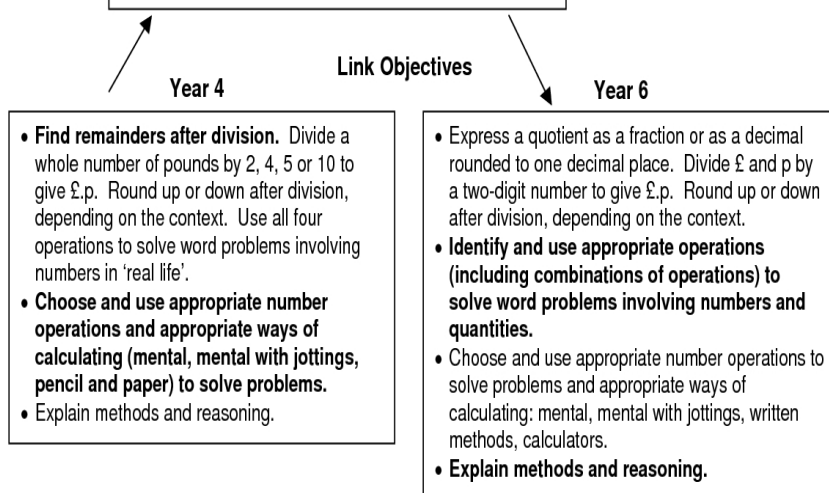| |
|---|
| • Begin to express a quotient as a fraction, or as a decimal when dividing a whole number by 2, 4, 5 or 10, or when dividing £.p. Round up or down after division, depending on the context.
• **Use all four operations to solve simple word problems involving numbers and quantities,** based on 'real life' money and measures **including** using one or more steps and making simple conversions of pounds to foreign currency. Explain methods and reasoning. |

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> This Unit Plan is designed to guide your teaching.
> You will need to adapt it to meet the needs of your class.

Resources needed to teach this unit:

- Resource sheet 2.1
- Activity sheet 2.1
- Activity sheet 2.2
- OHP calculator
- Whiteboards
- 1–100 digit cards

Link Objectives

Year 4

• **Find remainders after division.** Divide a whole number of pounds by 2, 4, 5 or 10 to give £.p. Round up or down after division, depending on the context. Use all four operations to solve word problems involving numbers in 'real life'. • **Choose and use appropriate number operations and appropriate ways of calculating (mental, mental with jottings, pencil and paper) to solve problems.** • Explain methods and reasoning.

Year 6

• Express a quotient as a fraction or as a decimal rounded to one decimal place. Divide £ and p by a two-digit number to give £.p. Round up or down after division, depending on the context. • **Identify and use appropriate operations (including combinations of operations) to solve word problems involving numbers and quantities.** • Choose and use appropriate number operations to solve problems and appropriate ways of calculating: mental, mental with jottings, written methods, calculators. • **Explain methods and reasoning.**

(Key objectives in bold)

department for
education and skills

NNS Unit Plans