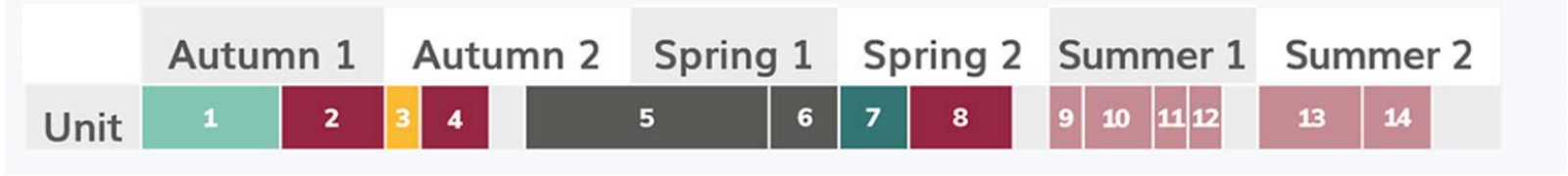
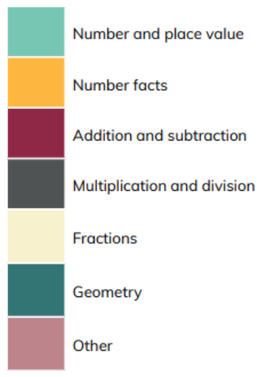
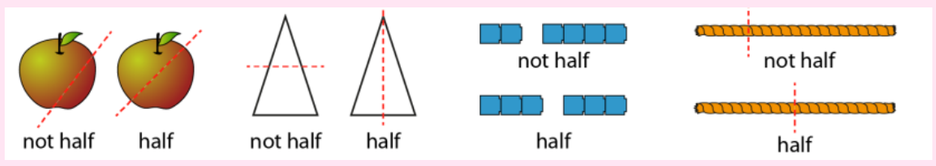
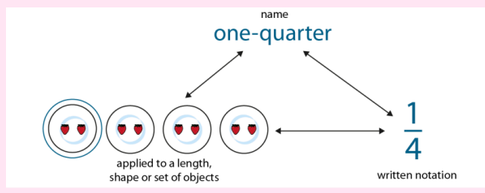
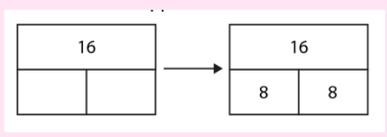
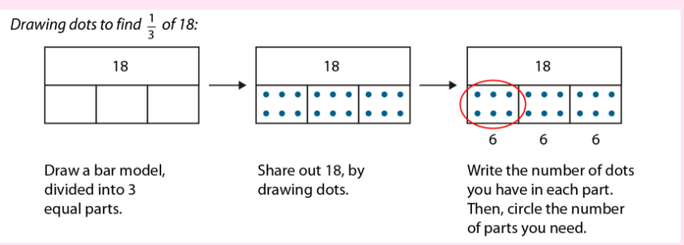
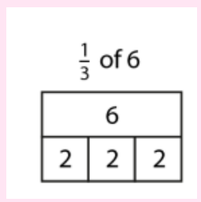
Y2- Overview





summer 1	IDENTIFY EQUAL PARTS AND BE FAMILIAR WITH HALVES, THIRDS AND QUARTERS (2 WEEKS)
Ready to progress	
NCETM documents	WHOLE DOCUMENT - https://www.ncetm.org.uk/media/35fp13yk/ncetm_spine3_segment00_y2.pdf
Small steps	• To describe how a whole can be divided into parts and recognise equal and unequal parts. • To name the fraction 'one-half' in relation to a fraction of an object, shape or set of objects and explain how I know that it is one-half. • To name the fraction 'one-quarter' in relation to a fraction of an object, shape or set of objects and explain how I know that it is a quarter. • To name the fraction 'one-third' in relation to a fraction of an object, shape or set of objects and explain how I know that it is a third. • To read and write the fraction notation 1/2, 1/3 and 1/4 and relate this to fractions of objects, shapes and sets. • To find one-half of a number and write this as an equation. • To explain how finding half of a number relates to halving and doubling. • To find one-third or one-quarter of a number. • To find three-quarters of an object, shape, set of objects or quantity. • To recognise and explain the equivalence of one-half and two-quarters.
Links	NCETM- https://view.officeapps.live.com/op/view.aspx?src=https%3A%2F%2Fwww.ncetm.org.uk%2Fmedia%2Fqszal0fi%2Fcp-year-2-unit-10-fractions.pptx&wdOrigin=BROWSELINK OAK https://www.thenational.academy/teachers/programmes/maths-primary-ks1/units/fractions-identify-equal-parts-and-be-familiar-with-halves-thirds-and-quarters/lessons?sid-630208=NXE21w-BYE&sm=0&src=3 WHITE ROSE https://assets.whiteroseeducation.com/new-schemes/Y2%20Summer%20Block%201%20SOL%20Fractions.pdf Mastery with greater depth https://www.ncetm.org.uk/media/dnobtk14/mastery_assessment_yr2.pdf
Reasoning	Spot the mistake 7, 7 ½ , 8, 9, 10 8 ½, 8, 7, 6 ½, ... and correct it What comes next? 5 ½, 6 ½ , 7 ½ , …., …. 9 ½, 9, 8 ½, ……., ….. What do you notice? ¼ of 4 = 1 ¼ of 8 = 2 ¼ of 12 = 3 Continue the pattern What do you notice? True or false? Half of 20cm = 5cm ¾ of 12cm = 9cm Odd one out. Which is the odd one out in this trio: ½ 2/4 ¼ Why? What do you notice? Find ½ of 8. Find 2/4 of 8 What do you notice? Ordering Put these fractions in the correct order, starting with the smallest. ½ ¼ 1/3

	recognise coins and use £ and p symbols (1 week)
Problem solving	Click on me
Glossary	• Whole - All the parts / all of a group or number. • Part - A piece or section of the whole. • Equal - We say that two or more things are equal if they have the same quantity or value. • Unequal - We say that two or more things are unequal if they do not have the same quantity or value. • Half or one-half - One of two equal parts of a whole. To divide into two equal parts. • Quarter or one-quarter - One of four equal parts of a whole. To divide into four equal parts. • Third or one-third - One of three equal parts of a whole. To divide into three equal parts. • Fraction - A fraction shows us how many equal parts the whole is divided into and how many of those parts we have. • Double - To become twice as many. • Half - To divide into 2 equal parts. • One-quarter - 1 of 4 equal parts of a whole. • Three-quarters - 3 of 4 equal parts of a whole. • Two-quarters - 2 of 4 equal parts of a whole. • Equivalent - When two or more things have the same value.
Stem sentences	'The whole is divided into four equal parts and we have ___ of them
Represenations	     **Model / Say / Write / Notation** one-half: 'The apple has been divided…' / Write the division bar. / '…into 2 equal parts…' / Write '2' as the denominator. / '…and we have 1 of the parts.' / Write '1' as the numerator. / Notation: 1/2 one-third: 'The rectangle has been divided…' / Write the division bar. / '…into 3 equal parts…' / Write '3' as the denominator. / '…and 1 of the parts is shaded.' / Write '1' as the numerator. / Notation: 1/3 one-quarter: 'The strawberries have been divided…' / Write the division bar. / '…into 4 equal parts…' / Write '4' as the denominator. / '…and 1 of the parts is circled.' / Write '1' as the numerator. / Notation: 1/4