Intensive English Language / New Arrivals Program Mathematics and Numeracy: Teaching Learning Sequence

Strand	Number and algebra
Sub-strand	Fractions
Levels	E F Year 4, Year 5
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Year developed	2016

Use this units with your own student cohort

Teachers are invited to trial and modify this teaching learning sequences. Content may need to be modified to meet the particular learning needs of a student cohort. Designers started with the same template, and while there was broad agreement on the use of the template – there may be some variations between this Teaching Learning Sequence and other Teaching Learning Sequences that were developed by DECD educators.

- differentiated activities may be found in either the activities column or the evidence and differentiation column
- generally, language elements were not repeated once they were recorded in an earlier activity
- cross curriculum priorities are included in some unites but not in others.

A feedback form is available at tiny.cc/IELP-NAP-TLS. Please forward feedback to Erika Vonaspern



Intensive English Language / New Arrivals Program Mathematics and Numeracy Teaching Learning Sequence

WHAT DO WE WANT S	TUDENTS TO	LEA	RN?		
Strand: Number and Algebra		Lea	arning Goals		
Substrand: Fractions		Ac	hievement Standards	Content Descriptions	Proficiencies
Mathematics Levels: E,F (Year 4,5)	Time Line:	E	Students recognise common equivalent fractions in familiar contexts and make connections between fractions. Students locate familiar fractions on a number line.	 E Investigate equivalent fractions used in contexts E Count by quarters, halves and thirds, including with mixed numerals. E Locate and represent these fractions on a number line. 	 The student demonstrates the following proficiencies. Understanding Compare fractions with the same and different denominator. Represents fractions to
Overarching Ideas There are numbers between There is a relationship betwe of pieces the whole is divided size of the fraction (the more smaller the fraction) We can compare and order find place them on a number line. Different fractions can repress quantity eg $\frac{1}{2} = 2/4$ and we can equivalence.	en the number I into and the pieces, the ractions and ent the same all this	F	Students order unit fractions and locate them on number lines. Students add and subtract fractions with the same denominator(students continue patterns by adding and subtracting fractions)	 F Compare and order common unit fractions and locate and represent them on a number line. F Investigate strategies to solve problems involving addition and subtraction of fractions with the same denominator. 	 problem solve. Reasoning Explain, demonstrate and evaluate strategies used to problem solve. Problem-solving Solve equivalent fraction problems. Choose and investigate strategies to solve a problem.

WHAT DO WE WANT STUDENTS TO LEARN?					
Numeracy General Capability	Other General Capabilities	Cross Curriculum Priorities			
Level 4 Interpret Proportional Reasoning Students visualise, describe and order equivalent fractions. Apply Proportional Reasoning Students solve problems using equivalent fractions	 Literacy The literacy capability of <i>Composing Texts</i> is guided by and reported in the sequence of the IELP Progress Report. In addition, the following aspects of the <i>Comprehending Texts</i> continuum are taught and assessed. Level 3 Typically by the end of Year 4, students: Navigate, read and view learning area texts navigate, read and view different types of texts with illustrations and more detailed graphics Listen and respond to learning area texts listen to spoken instructions with some detail for undertaking learning area tasks, listen to identify key information in spoken and audio texts, including audio-visual texts, and respond to texts read aloud Interpret and analyse learning area texts interpret literal information and make inferences to expand topic knowledge using comprehension strategies 				

Diagnostic Assessment: (What do the students bring?)	Assessment of Learning	Assessment as Learning	Assessment for Learning
How are you going to find out what students bring? George Booker's 'Building Numeracy' Moving from liagnosis to intervention' Select common fraction	Top 5 Assessment Sheet containing photos as evidence of student learning. (See Appendix) Observation of students	Self and peer assessment Feedback	Students brainstorm and record what they know about fractions (they can draw, write, use symbols etc)
uestions from tests .1 Equal Parts Tool	manipulating objects, completing tasks	Student performance while completing on-line activities e.g	Brainstorm where they might us fractions in their lives.
4.2 Fraction naming Tool4.3 Fraction Making Tool4.4 Fraction Recording Tool	Update Mathematics and Numeracy Report, Levels DEFG, Fractions - Questioning - Feedback - Observation - Conferencing - Work analysis	Study Ladder, Maths is Fun. Providing immediate scores in an interactive game setting.	Students discuss their findings and through discussion, expand their understandings. Students explain processes used. Strategies used in tasks e.g
			Strategies used in tasks e.g comparing fractions with diffe denominator

KEY

Content Descriptions are in plain font

Achievement Standards: Bold font

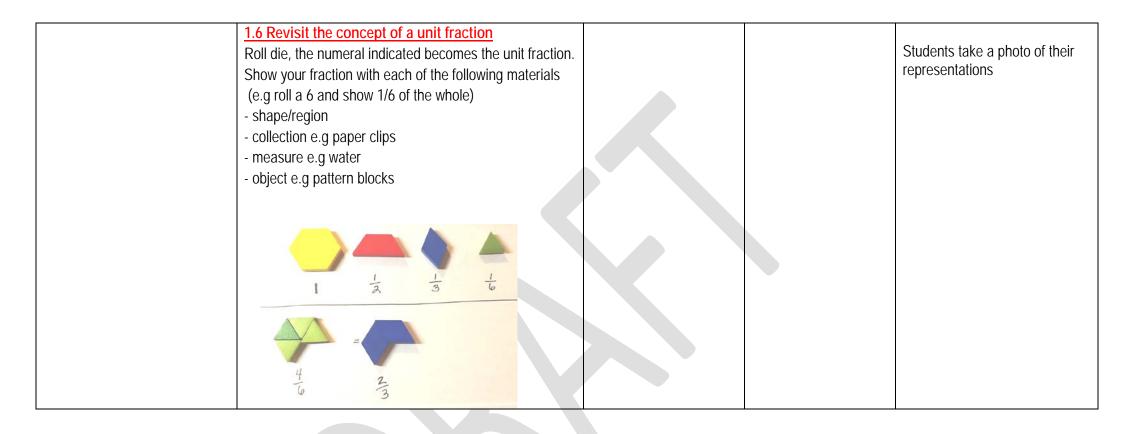
Numeracy Learning Continuum Description. Underlined font

^{4 |} Number and algebra: Fractions | Year 4, Year 5 | Intensive English Language / New Arrivals Program | http://tiny.cc/IELP-NAP-TLS Mathematics and Numeracy Teaching Learning Sequence | Contributed by: Urszula Kotnowska and Luda Reeves

WHAT DO WE WANT STUDENTS TO LEARN?	WHAT WILL WE DO TO GET THERE?			HOW WILL WE KNOW IF THEY'VE LEARNT IT?
Mathematical Skills and Concepts	Sequenced Learning Activities	Language Elements	Resources	Evidence and Differentiation
Reception – Yr 2 revision. Revise/establish that fractions are equal parts of a whole	 1.Revise what a fraction is. Uses 'think pair share' to have students explore their existing knowledge about the definition of a fraction. Ask the groups to share their definitions with the class. Collate their definitions and relate it to the accurate definition – A fraction is an equal part of a whole 1.1 Check students' understanding of equal part/whole Check students' understanding of 'whole' in relation to shape, object, collection and measure. Set up four stations. Students rotate through them during the lesson. Students must complete all stations. Station 1- Shapes An A3 piece of paper which has a range of regular and irregular shapes on it, some of which have been divided into unequal parts. Students put stickers labelled 'FRACTION-EQUAL PARTS' on the shapes that they think meet the definition of a fraction. Station 2- Objects A basket of everyday 3D objects where a texta_or tape has been used to mark parts, some of which have been divided into unequal parts. Students put stickers, labelled 'FRACTION-EQUAL PARTS' on the objects that they think meet the definition of a fraction. 	Technical language part/whole equal/unequal numerator denominator Processes- verb 'to be' in questions and statements and negations. eg Is it equal? It is unequal? It is not a fraction. Subject verb agreement- are/is e.g The parts are not equal. This part is smaller. Technical Language shape, object, collection, measure Comparative Language This part is smaller than This collection has less than	Sticky labels with the words- FRACTION- EQUAL PARTS Pictures of regular and irregular shapes, divided into equal/unequal parts. 3D objects divided into equal/unequal parts	 I can_recognise fractions If NO, then(return to development of fraction concept (Year 3: Model and represent unit fractions) If YES, then_students draw/ construct / arrange shapes

An wh ha stic obj <i>St</i> Ha cuj tex lab the 1.3 Re Do	tation 3- Collections n A3 piece of paper with collections on it, some of hich have been divided into equal parts, some of which ave been divided into unequal parts. Students put ickers, labelled 'FRACTION-EQUAL PARTS' on the bjects that they think meet the definition of a fraction. tation 4- Measures ave a photo of the school oval, the basketball court, a up, a jug which have had parts marked on them with a exta (some equal/unequal). Students put stickers, belled 'FRACTION-EQUAL PARTS' on the objects that they think meet the definition of a fraction. 3 Check students' understanding of pattern for aming fractions. elate ordinal numbers to fraction name. o students see a pattern? (pg 154 Booker, Teaching rimary Maths)	Multi word verb group One whole (circle, block, box of paperclips, basketball court) has been divided into equal parts Complex sentences This is a fraction because This is not a fraction because Definitions Place various student definitions on a register continuum from informal to formal	Pictures of collections divided into equal/unequal parts Pictures/photos/ map of the school oval, basketball court, cup, jug with equal/unequal parts marked on them.	/objects /collections for partner to determine if the whole has been divided equally.
Ex an Pa the	NUMBER OF EQUAL SIZED PARTS987 PARTS PARTS4 PARTS3 PARTS2 PARTSOrdinal namesninth eighthseventh fourthfourth thirdsecondFraction namesninth eighthseventh fourthfourth thirdhalfXamine the anomalies, two parts = halves, alr activity:Student A rolls student A rolls student B says the number name if it represented a denominator fraction .g53= fifty thirds	Technical vocab: Ordinal numbers (regular and irregular)and fraction names Simple sentence A whole divided into 53 parts has 53 fifty thirds. Spelling: suffixes	Chart that relates ordinal names, fraction names and number of parts 1-100 dice	

 1.4 Check students' understanding of size fractions (the more parts a whole is divided into, the smaller the part). Play the "Would you rather" game to help students develop the generalisation that the more equal parts you have, the "smaller" (guantity or size) the part will be. The teacher poses a question, "Would you rather have half a cake or a sixth of a cake?" Students then answer and justify their response. 1.5 Revise the way we represent a fraction Revise 3 ways of representing fractions Visually Numerically Numer name Students match all 3 representations using a proforma provided in appendix 1 	Word Order in questions and answers 'Would yourather have/prefer?' I would rather have/prefer	cut out cards with 3 representations of up to 10 fractions Concept map (include diagram to show quadrants visual, numeral, symbol, story dice	 I can compare and order common unit fractions I can explain the relationship between number of parts and the size or quantity of the parts. If NO, then use a rectangular region to develop an understanding that a number of parts increase the relative size decreases. If YES, then rehearse the language choices to describe the relationship. Eg <i>The more pieces, the smaller the fraction. Or the bigger the denominator the smaller 1 part.</i> I can represent a fraction as a visual, as a numeral and as a number name.
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 E Recognise common equivalent fractions in familiar contexts E Investigate equivalent fractions used in contexts E/F Visualise, describe and order equivalent fractions 	 2.1 Build their understanding of the relationship between part and whole Provide pairs of students with a fraction kit that has unnamed parts. (wooden/plastic/material/paper) The students choose the largest part and label it as the whole. They then need to use post it notes to label all the other pieces. Then they repeat the task choosing the second biggest piece as the whole. 	Processes choose, label Superlative adjectives -largest/smallest/biggest -first biggest/second biggest	Fraction kit with unnamed parts post it notes	 I understand that fraction size is relative to the size of the whole If NO, then provide students with more visual examples
	2.2 Introduce the idea of equivalent fractions Activity 1 Using the materials provided in 2.1, students are introduced to the term equivalence meaning "same as" Model using the fraction kit. Eg: Birthday cake fraction kit where the child has already labelled each piece. Take the whole, ask the students how many halves they would need to make the whole. Place the pieces on top as you ask the question. Model recording. $1 = \frac{1}{2} + \frac{1}{2}$ $1 = \frac{1}{2} + \frac{1}{2}$ Hace the pieces on top as you record. Then take another piece eg $\frac{1}{2}$ What other pieces will have equivalence with a half? Lay them on top to check. Ask students to explore equivalence for themselves. Challenge them to find at least six different equivalences and to record them. At the conclusion of the lesson, have students share the equivalences they have found and then the teacher enters them onto a whole class equivalence grid.	Technical vocabulary same as=equivalent Subject/Verb Agreement There are four quarters in a whole	Fraction kit e.g birthday cake fraction kit with unnamed parts Cuisenaire Rods	One-half can be smaller than one-third. If YES, then students come up with their own examples to illustrate fraction size is relative to the size of the whole

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Activity 2 Revise the word 'equivalent' Students are provided with a rectangle showing fifths and colour 3 parts to show 3/5. Students fold the rectangle in two, lengthwise. Now the rectangle shows 6/10. Fold rectangle lengthwise in 3 to show 9/15. (Students should be able to see the area shaded has not changed at all so all the fractions show the same amount) Teacher records on the board 3/5 =6/10=9/15		Different fraction kit (e.g rectangular)	
 Students are given a square shape with parts marked. They repeat the task working in pairs. Activity 3 a) Using a fraction wall, students are asked to label the parts on the wall and then find and express at least six equivalences. 	Processes fold, compare, find, record, share, reconstruct, order	A class set of paper rectangles showing fifths	 I recognise common equivalent fractions. If YES students try it with another set of materials (eg: rectangular fraction kit/ Cuisenaire rods)
e.g $\frac{1}{2}=2/4=3/6=4/8=5/10$ or 2/3=4/6=6/9=8/12 At the conclusion of the lesson, students share the equivalences they have found which the teacher enters onto the whole class equivalence grid begun in Activity 1.	Sentence Structure Dependent clauses	A class set of paper squares showing fifths	If NO, students stay with the teacher to explore a few more examples.
 b) Give students a fraction wall that has been cut up into individual pieces and ask them to reconstruct the wall. Activity 4 Give students a blank number line from 0-2 on a strip of frieze tape. 	Two thirds, which is equal to four sixths, is greater than one half.	Fraction wall for each student Number line	

 Give students a selection of fraction symbolically (1/2, 1/4, 1/8, 3/8, 5/8) and and mixed numbers up to 2. Students are asked to order the fract and mixed numbers on the number Ask students to find six examples on Students add to the equivalences the activity 1 and 3a. Activity 5 Teacher uses the Class Equivalence 1a. Ask students Do you notice any patterns in numerator and denominator in Look at numerators first e.g 2, 4, 6, pattern and write it as a generalisat that" Apply the same process for denominator in Place students in pairs and ask the generalisation. After ten minutes, rewrite they believe the generalisation. Summarise your agreed class generalisation. 	some whole numbersbetween, before, afterctions, whole number line.Technical Vocabulary number linef equivalence.Technical Vocabulary number lineney have found inProcesses test, check, multiplythe changes to the equivalent fractions?Processes test, check, multiplynator 4,6,8,10 m to test the class port to the class tion is true. ralisation.Processes test, check, multiplySentence Structure: relative clause: that,	Cut out strips of fraction wall for each student blank number line on a strip of frieze tape Class equivalence chart	 I can identify equivalent fractions. If NO, students stay with the teacher to explore a few more examples using different materials. If YES, then, find equivalent fractions in area models, such as geoboards, dot paper, pattern blocks, circular pie pieces and collections. I can locate fractions on a number line. If NO then provide students with a few marked number lines.
that" Apply the same process for denomi Place students in pairs and ask the generalisation. After ten minutes, re whether they believe the generalisation	 anator 4,6,8,10 m to test the class port to the class tion is true. tralisation. n one of the numbers Students work in on into action to solve test, check, multiply Technical Vocabulary theory, rule Sentence Structure: relative clause: that, when, if (for writing a generalisation e.g Our theory is that When nominators are the same 	I I	 I can locate fractions on a number line. If NO then provide students with a few marked number lines.

F Solve problems using equivalent fractions	Students are given fractions e.g 4/6, 2/3 and are asked to apply the generalisation (eg: multiplying numerator and denominator by the same number) to find an equivalent fraction.		If NO, then return to length models, not area models as a central representational tool of fractions (De Walle p313-4) If YES, then write a few
	(a) $\frac{1}{3} = \frac{1}{6}$ (b) $\frac{3}{4} = \frac{1}{8}$ (c) $\frac{4}{10} = \frac{1}{5}$ (d) $\frac{3}{5} = \frac{1}{10}$ (e) $\frac{1}{2} = \frac{1}{6}$ (f) $\frac{4}{6} = \frac{1}{3}$ (g) $\frac{2}{8} = \frac{1}{4}$ (h) $\frac{3}{3} = \frac{1}{2}$ (i) $\frac{4}{8} = \frac{1}{2}$ (j) $\frac{4}{5} = \frac{1}{10}$ (k) $\frac{2}{4} = \frac{1}{2}$ (l) $\frac{2}{4} = \frac{1}{8}$		fractions including equivalent pairs for a partner to place on a blank number line e.g
	(g) $\frac{4}{8} = \frac{1}{4}$ (h) $\frac{3}{3} = \frac{1}{2}$ (i) $\frac{4}{8} = \frac{1}{2}$ (j) $\frac{4}{5} = \frac{1}{10}$ (k) $\frac{2}{4} = \frac{1}{2}$ (l) $\frac{2}{4} = \frac{1}{8}$ Clare Way Fractions & decimals p.59		$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
	 Activity 7 Students work in pairs to develop a solution for each of the following situations. They choose one of the situations to report back to the whole group about. a) Charlie ate 2/3 of a chocolate bar. Harry's chocolate was the same size but it was divided into 6 pieces. How much does Harry have to eat to eat the same amount as Charlie? b) Dad filled 1/3 of the bath with water. Mum came along and filled another 2/6 with water. Who filled the bath with more water? c) Mum measured how tall her twins were. One was ¾ of a metre and the other was 7/8 of a metre? Who was taller? 		 I can solve problems using equivalent fractions less than a whole greater than a whole If YES then, use language models in existing word problems and create own situation

 E Count by quarters, halves and thirds including mixed numerals Locate and represent fractions on a number line Students work in pairs to count Activity 2 Teacher introduces the Number Students work in pairs to label on number line. They then count on Each student takes a turn to list and gives them feedback on the skills. 	 ż , 3 count over one whole ber. th the Fraction Bags. ine Fraction Sheet ch marker on the ly on the number line. to their partner count Technical vocabulary <i>improper, proper, mixed number, integer</i>	Resource: Fraction Bags - Sandwich bags each with 10 circle or rectangle shapes cut into halves or quarters or eighths or sixths or tenths Resource – Number Line Fraction sheet A4 piece of paper which has at least five number lines with the 0-5 marked on them, and then mark lines for either halves, thirds, sixths, eighths, tenths. (De Walle p313-4) Worksheet/cards with mixed and improper fractions	 □ I can count using mixed numbers. If YES, then students record themselves counting shapes from fraction bags e.g 1/3, 2/3, 1, 1 1/3, 1 2/3, 2 Then teacher asks questions, such as the following 'How many 1/3 to get to 3? -'How many 1/5 to get to 5? -'How many ¼ to get to 4 ½? I can compare fractions on a number line. If YES students solve the following problem 6 friends are racing. The fractions tell how much of a distance they have already run. Place these friends on a line to show where they are between the start and finish? Mary – ¾ Tom – ½ Abdul- 5/6 Han – 5/8 Miguel – 5/9 Anna – 2/3 (page 314 De Walle Activity 15.2 'Who is Winning')
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F Fundain the relationship	Activity 3 Iteration Activity from page 320 in De Walle to move from 2 thirds, 3 thirds, 4 thirds: Provide students with a strip of paper and tell them that it is ¾ of a whole. Ask them to find ½ , 1½, 2¼,3 and so on. To find this, students should partition the piece into 3 sections to find ¼ and then iterate the ¼ to find the fractions listed.		Play the "between" game. Play as a whole group first and then in pairs. Teacher says a mixed number eg: 4 2/3, and asks between which two integers students would find this fraction.
F Explain the relationship between a mixed number and an improper fraction	 <u>4.1 Mixed numbers/ Improper fractions</u> <u>Activity 1</u> Teacher revises the term mixed number and introduces the terms improper fraction by displaying some examples of each and asking students to identify which are which. Students then given a sheet/cards with examples of both on them – they need to sort them out into the two groups. 		
	Activity 2 Students work in pairs with a small whiteboard between them. One student writes either a mixed number or an improper fraction. The other student has to provide the alternate expression. They then reverse roles. e.g One student write 11/2. The other student then writes 5 ½	Whiteboards and markers	
	Activity 3 Students work in pairs to develop a solution for each of the following situations. They need to choose one of the situations to report back to the whole group about. a) If a class ate 24 half apples, how many whole apples did they eat?		

	 b) If a teacher brought 10 apples cut in half to share for recess, how many students will she share it with? <u>4.2 Count by other fractions</u> Students practice with teacher counting by various fractions by the following game. Equipment- unifix blocks and dice Students roll dice- the number it lands on determines how many parts make a whole. Each time the class counts by fractions until they reach 3 wholes. e.g If dice lands on 3, we need 3 unifix blocks to make a whole so we will count by thirds in the following way 1/3, 2/3, 1, 1 1/3, 1 2/3, 2, 2 1/3, 2 2/3, 3. While whole class counts, teacher adds unifix cubes to represent the fractions. 	Sentence Structure Dependent clause using if How many apples did a class eat, if they ate 24 half apples?	Unifix blocks and dice	
F Compare fractions	 5.1 Compare and order fractions with the same denominator Teacher poses question There are 15 students in our class. The teacher has to divide the students into 2 groups. Represent each group as a fraction. Which fraction/group is bigger? (7/15 or 8/15) What do you notice about the size of fractions with the same denominator? Students practice using other examples Order the following sets of fractions from smallest to largest e.g 4/6, 1/6, 2/6 5.2 Compare and order fractions with a different denominator 		Sets of fractions to order	If NO, then students use fraction wall to help them decide/check their answer
	Activity 1 Provide visuals of 3 circles. 1 divided into 5 parts, 1 divided into 3 parts and 1 divided into 8 parts. Shade 1 part each. Together with students identify the fractions for each of them.		3 circles on paper -1 divided into 5 parts - -1 divided into 3 parts -1 divided into 8 parts	

Order from smallest to largest. What do you notice? (Revisit the generalisation that the larger the denominator, the smaller the fraction) Activity 2 Word Problem- Sarah ate 2/5 of a pizza, Kim ate 2/3 and John ate 2/4. Who ate the most? Who ate the least? Who ate half? 5.3 Compare fractions based on <i>less than a half and more than a half</i> reasoning Activity 1 Revise half e.g what is half of a whole divided into a) 8 pieces b) 6 pieces c) 10 pieces Activity 2 Circle the bigger number. Meet with a partner and justify your solution. e.g d) 3/4, 7/8 e) 4/6, 2/4 f) 4/7, 3/8 5.4 Summative tasks Which fraction in each pair is greater? Give reasons for your choice. Do not use drawings or models. a) 4/5 or 4/9 b) 4/7 or 5/7 c) 3/5 or 3/7 d) 4/8 or 6/10 e) 5/10 or 3/8	Sentence Structure Paired constructions with verb to be omitted. The larger the denominator, (is), the smaller the fraction (is) Explore other constructions eg The smaller the pizza, the less we all eat.
Page 331 De Walle example of justification a. 4/5 is only one away from being a whole. 4/9 is closer to ½ b. 5/7 is greater than 4/7 because 5/7 is closer to a whole.	Processes justify, explain

F Add and subtract fractions with the same denominator	6.1 Add fractions using visualsUsing the "birthday cake" fraction kit/wooden or plastic fraction kits, students identify the largest piece as the whole and then label each piece (revisit activity 1 in 2.1) Then they are asked to find at least five different ways to 	Birthday cake fraction kit with unnamed parts	

	Share them back as a group. Decide on your class generalisation.	
	Activity 2 Students work in pairs to record 15 fraction subtraction sentences and apply the class subtraction generalisation. They then swap with another pair and calculate the answers	
t	 Activity 3 Students work in pairs to develop a solution for each of the following situations. They need to choose one of the situations to report back to the whole group about. a) If we walked ¾ of the whole way to school, how far does he have left to go? b) Jane ate 4/8 of a cake and her sister ate 3/8. How much did they eat together? How much cake is left? c) A birthday cake was cut into tenths. Students ate 7/10. How much cake is left? d) A painter painted 2/6 of a wall. How much does he have left to paint? 	

Overview of language and examples used in the teaching, learning and assessing program

A summary of the language mostly pertaining to this substrand as used in the following teaching, learning and assessing program.

Oral Texts	Visual Texts and Symbols	Text Knowledge	Grammar Knowledge	Word Knowledge
 Spoken Texts Participation in oral texts to explore understandings about our number system and place value Verbal elements Pronunciation of ordinal numbers Speech functions Appropriate use of and response to statements, questions and commands Social exchanges Explaining strategies in small group settings/whole class Reflecting on strategies used 	Visuals in Multimodal texts Symbolism Symbols to represent fractions +,-, <,>,= Semiotics Fraction wall Number line	Written texts: Explanation- Students explain strategies and reasoning for their choices Recounts for word problems Reference items It, they, this, these	Simple sentences A whole divided into 53 parts has 53 fifty thirds. Complex sentences This is a fraction because This is not a fraction because Word Order in questions, statements and negations. E.g Is it equal? (question) It is unequal (statement) It is not a fraction (negations) Paired constructions with verb to be omitted. The larger the denominator, (is), the smaller the fraction (is) Multi word verb group has been divided Subject Verb Agreement are/is e.g The parts are not equal. This part is smaller. Prepositions between, before, after Comparative Language This collection has less than -first biggest/second biggest	Topic Vocabulary fraction names, integer part, whole, mixed number, numerator, denominator, equivalent, number line, shape object, collection, measure, improper, proper, mixed, equal, unequal, ordinal numbers (regular and irregular)

Appendix

Тор 5					
	Learning Goal	Evidence of Learning			
	I can recognise and find common equivalent fractions.				
	I can solve problems using equivalent fractions.				
	I can locate and represent fractions on a number line.				
	I can change mixed number to an improper fraction and vice versa.				
	I can compare and order fractions.				
Student Comment:					
Teacher Comment:					