

## St Francis Primary School

## Understanding Fractions - Online Learning

What I am Learning	Game Link	Guidance
(A) I can write fraction names, and recognise fraction pictures (up to tenths)	<ul> <li>(1) <u>Fractions:</u> <u>CARTOON</u></li> <li>(2) <u>Picture</u> <u>Perfect!</u></li> <li>(3) <u>Firepit</u> <u>Fractions!</u></li> <li>(4) <u>Fraction Art</u></li> <li>(5) <u>MAKE 'n'</u> <u>PLAY!</u> <u>Fraction</u> <u>Dominoes</u></li> </ul>	<ul> <li>(1) Watch and learn – a – long!</li> <li>(2) Match the fraction to its picture: Select two cards to make a match&gt; Remember the location of what you have seen</li> <li>(3) Select YEAR TWO + &gt; Smoke reveals fraction&gt; select matching picture</li> <li>(4) Click phone &gt; Listen to order &gt; click circles to create fraction &gt; click phone to check make some \$\$\$</li> <li>(5) Feeling Crafty? Click Print to download &gt; Cut out the domino tiles &gt; Play at home on your own or with other players &gt; match up the fractions with the pictures and written names!</li> </ul>
(B) I can explain what the numerator and denominat or represent and can show why the smaller the share received the larger the denominat or value is	<ul> <li>(1) Numerator &amp; <u>Denominator!</u> <u>sing-along</u></li> <li>(2) How to write <u>Fractions -</u> <u>WATCH ME</u></li> <li>(3) <u>Galaxy Pals</u> <u>Fractions</u></li> <li>(4) <u>Match Me!</u></li> <li>(5) <u>INSPIRE AND</u> <u>DO!</u></li> </ul>	<ul> <li>(1) Sing-a -long! Great way of remembering where to find the numerator and denominator – and what they represent</li> <li>(2) Relax &gt; Watch &gt; Learna-long</li> <li>(3) MAKE 1 WHOLE&gt;click yellow arrow &gt; look at the fraction on shooter &gt; fire at the rocket that makes 1 whole (CLUE: The DENOMINATOR is the TOTAL number of parts!)</li> <li>(4) Drag the green fraction cards to the matching written fraction &gt; Match them all</li> <li>(5) Look at all the NUMERATOR AND DENOMINATOR posters &gt; be inspired by them and MAKE YOUR OWN! <sup>(2)</sup></li> </ul>
(C) I can explain why 2 quarters (¼ + ¼) is the same as (equivalen t to) 1 half (= ½)	<ul> <li>(1) <u>Tony's Pizza</u> <u>Shop!</u></li> <li>(2) <u>**CHALLENGE</u> <u>** Equal</u> <u>Fractions</u> <u>Bingo!</u></li> <li>(3) <u>Picture This!</u></li> <li>(4) <u>Pizza Pandas</u></li> </ul>	<ol> <li>(1) Deselect Timer &gt; Click Play &gt; Read the pizza order &gt; Select the size (pay attention to number of slices - this is your denominator!) &gt; Select each topping one at a time and create order &gt; click send</li> <li>(2) **CHALLENGING** &gt; Click play icon &gt; Go &gt; Regular Mode &gt; 9 square board &gt; 3 in a row to get BINGO! Use the pictures to help</li> <li>(3) Number Line fractions: Count how many bits the line has been divided into (this is the denominator) count where the red line is (this is the numerator) Drag picture piece to correct number line &gt; Click the forward (&gt;&gt;) button to move to the next picture puzzle</li> <li>(4) Equivalent fractions using EIGHTHS: e.g. 4/8 = ½ &gt; Play &gt; Choose player name &gt;PLAY NOW&gt; Select player &gt; Click fraction that matches leftover pizza</li> </ol>

(D) I can apply knowledge of the four operations to find fractions of whole numbers and solve fraction problems	(1) <u>Galaxy Pals -</u> <u>Make a Whole</u> (2) <u>FRACTION</u> <u>FOREST!</u>	<ul> <li>(1) The Laser displays a fraction &gt; aim at the rocket that would make one whole when added to it e.g. ¼ + ¾ = 1 &gt; act quickly before they hit the ground!</li> <li>(2) Click GO!&gt; Click screen &gt; count the animals &gt; click the scissors &gt; DIVIDE the WHOLE by this number by moving the slider &gt; did each animal get an equal fraction of WHOLE?&gt; click yellow arrow &gt;next level</li> </ul>
(E) I can compare and order fractions	<ul> <li>(1) <u>TOP TIPS!</u> <u>Watch me!</u></li> <li>(2) <u>MATH</u> <u>MAGICIAN -</u> <u>Timed Game</u></li> <li>(3) <u>Number</u> <u>Rocks!</u> <u>(SONG!)</u></li> <li>(4) <u>Space Bus!</u></li> </ul>	<ul> <li>(1) Comparing and Ordering Fractions&gt; Watch and Learn -a - long</li> <li>(2) Read &gt; click next&gt; Drag and drop the magicians bunnies into the correct hat! &gt; select smaller than &lt;, equal to = or greater than &gt;</li> <li>(3) Ordering Fractions on a Number line &gt;Watch/Listen &amp; Learn-a- long</li> <li>(4) Select One Star &gt; Purple Arrow &gt; Look at the number line &gt; Look at number values &gt; take the alien from the FRACTION BUS STOP to the matching point on the line</li> </ul>
(F) I can share amounts equally and can explain why there may be left over amounts	<ul> <li>(1) <u>Sharing with</u> <u>LEFTOVERS!</u> <u>(Watch)</u></li> <li>(2) <u>Sharing Mat -</u> <u>MAKE 'n' USE!</u></li> <li>(3) <u>Sharing</u> <u>Sentences</u></li> <li>(4) <u>Manga HIGH</u></li> </ul>	<ul> <li>(1) Watch &gt; Listen &gt; Learn – a - long</li> <li>(2) Look at the images of the various sharing mats &gt; they help us to visualise how sharing links with fractions &gt; Design your own to use during home learning ☺</li> <li>(3) Scroll down &gt; select Relate Division and Multiplication &gt; Play Now&gt; look at the picture &gt; count the TOTAL (like a DENOMINATOR) &gt; count the number of GROUPS (like a NUMERATOR) &gt; select the correct sentence</li> <li>(4) Click PLAY &gt; Read and select answer</li> </ul>