Thursday 7th April 2020

Maths-Fractions

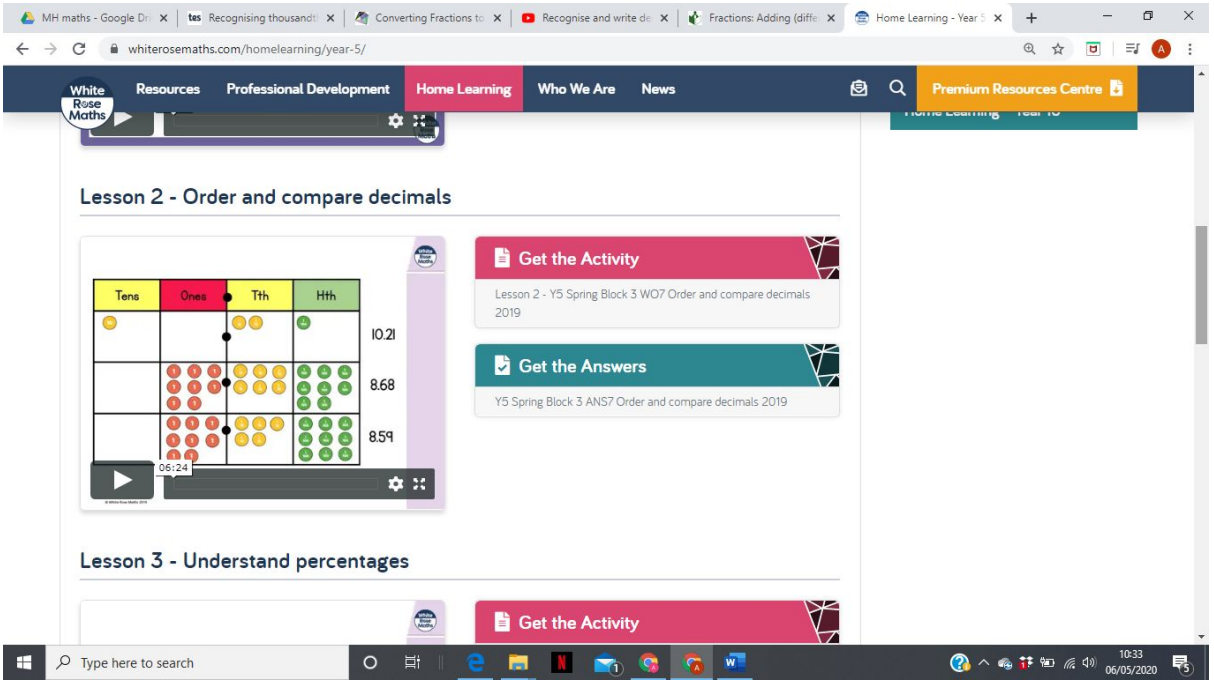
WALT: Recognise and use a thousandth and relate them to tenths, hundredths and decimal equivalents.

<u>Arithmetic</u>

$\frac{1}{3} + \frac{1}{2} =$	$\frac{1}{3} + \frac{3}{4} =$	$\frac{2}{3} + \frac{1}{4} =$
$\frac{3}{4} + \frac{1}{6} =$	$\frac{1}{6} + \frac{1}{4} =$	$\frac{3}{8} + \frac{1}{6} =$
$\frac{2}{5} + \frac{1}{4} =$	$\frac{4}{5} + \frac{5}{6} =$	$\frac{5}{8} + \frac{3}{5} =$
$\frac{4}{16} + \frac{5}{8} =$	$\frac{7}{8} + \frac{9}{32} =$	$\frac{3}{16} + \frac{3}{4} =$

Reasoning

Please go to https://whiterosemaths.com/homelearning/year-5/ and do the activity for Week 2, Lesson 2 on here. It should look like this:



Activity

Watch the following video: https://www.youtube.com/watch?v=9ITQrho2DBo

hundreds	tens	units	●	tenths	hundredths	thousandths

342.213

300 40 2 0.2 0.01 0.003

If you took one whole one and chopped it into 1000 pieces.

We can write the thousandths as 3 thousandths, $\frac{3}{1000}$ or 0.003

Say what the value is of the under-lined digit. Copy out the number into your book. Look at the example:

678.09<u>8</u> = 8 thousandths or $\frac{8}{1000}$ or 0.008

Write your answers as words, fractions and decimals.

When you have marked your answers - set 5 for your partner. Remember to include thousandths.

1. 546.<u>9</u>32
2. 9<u>4</u>6.923
3. 254.65<u>7</u>
4. <u>4</u>58.087
5. 957.<u>2</u>97
6. 264.876<u></u>
7. 64<u>5</u>.327
8. 658.9<u>8</u>7

Which is bigger? 10/100 or 1/10 of a cake?

Challenge:

Can you write 10 thousandths as a smaller fraction?

Answers:

$\frac{1}{3} + \frac{1}{2} = \frac{5}{6}$	$\frac{1}{3} + \frac{3}{4} = 1\ \frac{1}{12}$	$\frac{2}{3} + \frac{1}{4} = \frac{11}{12}$
$\frac{3}{4} + \frac{1}{6} = \frac{11}{12}$	$\frac{1}{6} + \frac{1}{4} = \frac{5}{12}$	$\frac{3}{8} + \frac{1}{6} = \frac{13}{24}$
$\frac{2}{5} + \frac{1}{4} = \frac{13}{20}$	$\frac{4}{5} + \frac{5}{6} = 1\ \frac{19}{30}$	$\frac{5}{8} + \frac{3}{5} = 1\ \frac{9}{40}$
$\frac{4}{16} + \frac{5}{8} = \frac{7}{8}$	$\frac{7}{8} + \frac{9}{32} = 1\ \frac{5}{32}$	$\frac{3}{16} + \frac{3}{4} = \frac{15}{16}$

Activity:

Answers

1. 9 tenths or 9/10 or 0.9
2. 4 tens or 40
3. 7 thousandths or 7/1000 or 0.007
4. 4 hundreds or 400
5. 2 tenths or 2/10 or 0.2
6. 6 thousandths or 6/1000 or 0.006
7. 5 ones or 5
8. 8 hundredths or 8/100 or 0.08