

Hi Class 6

Hope you are all well. Here are the activities for this week.

Love Miss H

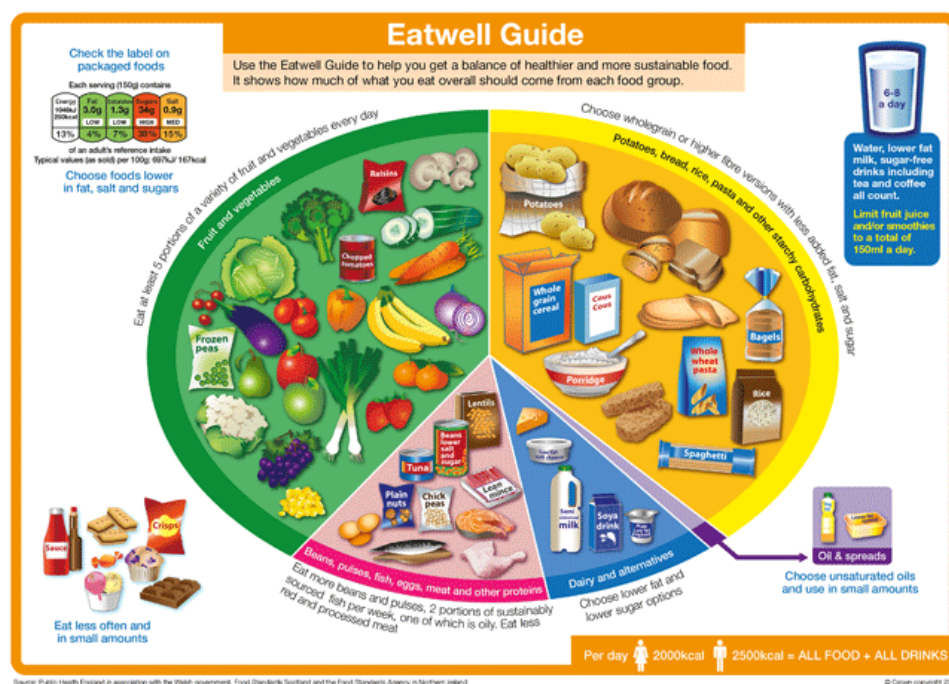
Wellbeing

Lesson 1 - Nutrition and wellbeing. Write down all the food and drink you had yesterday.

Breakfast = Toast, butter and jam, orange fruit juice, cup of tea etc.

What does a balanced diet mean?

Lesson 2 - Here is an example of a balanced diet food plate. Have a look at others and then create your own version.



Lesson 3 & 4 - Read the eating well information pack. Why is it important to eat healthily? Create a poster to show the main points.

Lesson 5 - Have a look at food labels and work out how much sugar is in different items. Then work out how much sugar is in the food you eat for one whole day.

per 30g cereal:					
16	ENERGY	FAT	SATURATES	SUGARS	SALT
SERVINGS	460kJ 110kcal	0.7g	0.1g	5.1g	0.2g
	6%	LOW	LOW	HIGH	MED
		2%	1%	6%	4%
% of an adult's reference intake.					
Typical values per 100g: Energy 1530kJ/360kcal					

Literacy / History

For whole class reading, we are looking at the book 'Kaspar, Prince of Cats' by Michael Morpurgo.

We are also looking at the Titanic. This week we are looking at diary writing. Each day we are looking at a different person on board e.g. the captain, someone in first class etc. How might their account of the events differ?

Maths

Lesson 1 - Converting decimals, fractions and percentages.

E.g. $4/20$ (convert over 100, so there are five 20s in 100, so multiply 4 by five as well) = $20/100 = 0.20 = 20\%$

E.g. $2/5 = 40/100 = 0.40 = 40\%$

Convert these:	Convert these:	Convert these:
1) $3/5$	1) $4/10$	1) $2/100$
2) $20/25$	2) $3/20$	2) $4/50$
3) $1/4$	3) $1/5$	3) $6/50$
4) $17/20$	4) $3/5$	4) $30/100$
5) $1/8$	5) $2/10$	5) $4/10$
6) $3/8$	6) $1/2$	6) $6/10$
7) $7/8$	7) $3/4$	7) $3/50$
8) $56/1000$	8) $1/4$	8) $9/10$
9) $34/1000$	9) $10/25$	9) $6/20$
10) $2/1000$	10) $6/25$	10) $7/20$
11) $5/1000$	11) $15/20$	11) $1/2$
12) 0.7	12) 0.05	12) 0.50
13) 0.05	13) 0.67	13) 0.21
14) 0.045	14) 0.49	14) 0.01
15) 0.056	15) 0.01	15) 0.23
16) 0.003	16) 0.21	16) 50%
17) 0.006	17) 29%	17) 60%
18) 12.5%	18) 5%	18) 12%
19) 25%	19) 75%	19) 56%
20) 3%	20) 100%	20) $1/2$

Lesson 2 - Adding fractions. If the denominators are the same, then just add the numerators. If not, convert them first.

Calculate these:	Calculate these:	Calculate these:
1) $\frac{2}{3} + \frac{4}{12}$	1) $\frac{2}{6} + \frac{3}{36}$	1) $\frac{3}{4} + \frac{2}{4}$
2) $\frac{5}{7} + \frac{4}{49}$	2) $\frac{3}{5} + \frac{2}{45}$	2) $\frac{5}{7} + \frac{3}{7}$
3) $\frac{3}{4} + \frac{6}{52}$	3) $\frac{3}{9} + \frac{2}{81}$	3) $\frac{8}{9} + \frac{1}{9}$
4) $\frac{5}{6} + \frac{7}{72}$	4) $\frac{5}{10} + \frac{3}{100}$	4) $\frac{3}{6} + \frac{2}{6}$
5) $\frac{4}{5} + \frac{2}{75}$	5) $\frac{2}{8} + \frac{2}{64}$	5) $\frac{7}{9} + \frac{2}{9}$
6) $\frac{2}{3} + \frac{31}{45}$	6) $\frac{7}{12} + \frac{1}{48}$	6) $\frac{4}{5} + \frac{12}{20}$
7) $\frac{6}{9} + \frac{10}{12}$	7) $\frac{5}{9} + \frac{2}{72}$	7) $\frac{5}{10} + \frac{13}{40}$
8) $\frac{3}{6} + \frac{2}{4}$	8) $\frac{6}{11} + \frac{2}{99}$	8) $\frac{1}{2} + \frac{5}{10}$
9) $\frac{1}{10} + \frac{2}{8}$	9) $\frac{2}{5} + \frac{6}{70}$	9) $\frac{2}{5} + \frac{8}{25}$
10) $\frac{4}{9} + \frac{3}{6}$	10) $\frac{6}{8} + \frac{2}{24}$	10) $\frac{3}{4} + \frac{2}{16}$

Lesson 3 - Fractions of amounts (divide by the bottom and times by the top).

Calculate these:	Calculate these:	Calculate these:
1) $\frac{5}{8}$ of 480	1) $\frac{5}{6}$ of 42	1) $\frac{2}{4}$ of 44
2) $\frac{8}{4}$ of 244	2) $\frac{3}{5}$ of 60	2) $\frac{3}{5}$ of 25
3) $\frac{9}{12}$ of 144	3) $\frac{6}{8}$ of 96	3) $\frac{4}{11}$ of 88
4) $\frac{7}{3}$ of 213	4) $\frac{8}{12}$ of 144	4) $\frac{9}{10}$ of 90
5) $\frac{8}{6}$ of 672	5) $\frac{6}{11}$ of 99	5) $\frac{5}{11}$ of 77
6) $\frac{4}{3}$ of 126	6) $\frac{4}{3}$ of 90	6) $\frac{3}{9}$ of 36
7) $\frac{5}{9}$ of 459	7) $\frac{5}{4}$ of 48	7) $\frac{5}{10}$ of 200
8) $\frac{3}{4}$ of 1000	8) $\frac{8}{6}$ of 90	8) $\frac{4}{9}$ of 108
9) $\frac{7}{5}$ of 2500	9) $\frac{9}{7}$ of 490	9) $\frac{3}{5}$ of 50
10) $\frac{5}{9}$ of 369	10) $\frac{8}{5}$ of 400	10) $\frac{3}{4}$ of 32
11) $\frac{15}{12}$ of 156	11) $\frac{11}{9}$ of 108	11) $\frac{3}{4}$ of 100

Lesson 4 - Ordering decimal numbers. Remember to put them into a column first.

1) 0.9651 0.956 0.9615 0.9652 2) 6.7864 6.7846 6.78 6.7844 3) 3.9087 3.9 3.9088 3.9078 3.91 4) 6.5745 6.5754 6.5755 6.574 5) 89.654 89.653 89.650 89.651 6) 3.6543 3.6544 3.65 3.6549 7) 1.432 1.423 1.4321 1.4324 Challenge: using all the digits :4 6 7 5	1) 0.654 0.645 0.765 0.95 0.05 2) 4.765 4.756 4.98 4.734 4.981 3) 0.021 0.012 0.054 0.076 0.067 4) 5.321 5.123 5.5 5.3 5.124 5) 9.654 9.564 9.54 9.432 9.223 6) 8.564 8.645 8.596 8.546 8.9 7) 2.65 2.87 2.651 2.659 2.605 8) 9.654 9.645 9.67 9.564 9.76	1) 5.76 5.7 5.6 5.77 2) 7.86 7.8 7.89 7.98 3) 0.87 0.76 0.9 0.43 4) 5.87 5.8 5.9 5.09 5.76 5) 23.54 23.65 23.76 23.06 6) 9.65 9.5 9.06 9.061 7) 13.87 13.78 13.98 12.65 8) 65.7 66 65.9 65.76

Lesson 5 - Ordering fractions. Make sure you use a suitable common denominator.

1) $\frac{3}{5}$ $\frac{5}{10}$ $\frac{2}{20}$ 2) $\frac{4}{6}$ $\frac{1}{3}$ $\frac{2}{12}$ 3) $\frac{3}{4}$ $\frac{1}{2}$ $\frac{1}{4}$ 4) $\frac{6}{8}$ $\frac{2}{3}$ $\frac{1}{5}$ 5) $\frac{9}{10}$ $\frac{3}{3}$ $\frac{3}{4}$ 6) $\frac{2}{3}$ $\frac{5}{6}$ $\frac{8}{9}$ 7) $\frac{3}{4}$ $\frac{1}{6}$ $\frac{2}{9}$ 8) $\frac{2}{6}$ $\frac{3}{4}$ $\frac{3}{7}$ 9) $\frac{2}{9}$ $\frac{5}{7}$ $\frac{3}{8}$ 10) $\frac{2}{10}$ $\frac{3}{6}$ $\frac{2}{3}$	1) $\frac{4}{5}$ $\frac{2}{5}$ $\frac{3}{5}$ 2) $\frac{1}{2}$ $\frac{3}{4}$ $\frac{1}{4}$ 3) $\frac{2}{5}$ $\frac{3}{10}$ $\frac{4}{5}$ 4) $\frac{9}{10}$ $\frac{4}{5}$ $\frac{1}{5}$ 5) $\frac{3}{6}$ $\frac{2}{3}$ $\frac{1}{3}$ 6) $\frac{1}{3}$ $\frac{4}{6}$ $\frac{3}{12}$ 7) $\frac{2}{4}$ $\frac{5}{6}$ $\frac{1}{6}$ 8) $\frac{3}{5}$ $\frac{2}{10}$ $\frac{3}{15}$ 9) $\frac{6}{7}$ $\frac{4}{7}$ $\frac{2}{14}$ 10) $\frac{1}{5}$ $\frac{1}{8}$ $\frac{1}{3}$	1) $\frac{3}{4}$ $\frac{2}{4}$ $\frac{1}{4}$ 2) $\frac{6}{9}$ $\frac{4}{9}$ $\frac{1}{9}$ 3) $\frac{3}{5}$ $\frac{1}{5}$ $\frac{4}{5}$ 4) $\frac{1}{10}$ $\frac{7}{10}$ $\frac{2}{10}$ 5) $\frac{3}{7}$ $\frac{2}{7}$ $\frac{7}{7}$ 6) $\frac{1}{5}$ $\frac{3}{10}$ $\frac{2}{5}$ 7) $\frac{3}{4}$ $\frac{2}{8}$ $\frac{1}{8}$ 8) $\frac{1}{3}$ $\frac{4}{6}$ $\frac{5}{6}$ 9) $\frac{5}{8}$ $\frac{1}{4}$ $\frac{3}{8}$ 10) $\frac{10}{10}$ $\frac{1}{5}$ $\frac{2}{5}$

RE

This week we are looking at the story of Daniel and the lion's den.

Science

We are having a go at making our own colour spinning wheel. Have a go at making one, then put a pencil through the centre and try to spin it really quickly to see if anything happens. Now try it using different patterns and colours.

