

Maths Task for Tuesday 14th – Thursday 16th July

Can you create your own Maths mat to help you remember key mathematical information?

You can print off the template which is available on the school website, or you can design your own (either on paper or electronically). Make it useful and well presented! Good luck!

Here are some examples to help you get started...

Arithmetic Rules:

- +** add: altogether, total, plus, increase, more than
- take away, subtract, minus, difference between, decrease, reduce, fewer
- ×** times by, multiplied by, lots of, groups of, product of
- ÷** divided by, shared between, divided into, shared equally

Time: anti-clockwise, o'clock, clockwise, quarter to, quarter past, half past. Examples: 3am = 0300, 6:30am = 06:30, 9:45am = 09:45, 3pm = 1500, 6:30pm = 1830, 9:45pm = 2145.

My 100 Square: A grid from 1 to 100.

My Multiplication Square: A grid for multiplication facts from 1 to 10.

Number Line: 0 to 20.

Cartoon: Snoopy and his friends.

24-hour time: 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

12-hour time: 12 1 2 3 4 5 6 7 8 9 10 11

Time Facts:

- 60 seconds in one minute
- 60 minutes in one hour
- 24 hours in one day
- 7 days in one week
- 365 days in one year
- 52 weeks in one year
- 12 months in one year

Days of the Week: Sunday, Monday, Tuesday, Wednesday, Thursday, Friday, Saturday, Sunday.

Months: January, February, March, April, May, June, July, August, September, October, November, December.

Time Telling: five to, five past, ten to, ten past, quarter to, quarter past, twenty to, twenty past, twenty-five to, twenty-five past.

Calendar: 1 Year (365 Days), 1 Month (About 30 Days), 1 Year (365 Days).

Fractions: Maths Mat

Equivalent Fractions:

Fractions	Decimals	Percentages
$\frac{1}{20}$	0.05	5%
$\frac{1}{10}$	0.1	10%
$\frac{1}{5}$	0.2	20%
$\frac{1}{4}$	0.25	25%
$\frac{1}{3}$	0.333...	33.3%
$\frac{1}{2}$	0.5	50%
1	1.0	100%

LEGO Fractions: A bar chart showing fractions of a whole using LEGO bricks (black, green, blue, red, yellow).

Conversion Notes:

- A fraction shows equal parts of a whole. E.g., $\frac{1}{4}$ = one-fourth.
- A decimal fraction is a fraction whose denominator is a power of 10. E.g., $\frac{1}{4}$ = 0.25.
- A percentage shows a factor of 100. 25%.
- To convert a fraction to a decimal, divide the numerator by the denominator. E.g., $\frac{1}{4} = 1 \div 4 = 0.25$.
- To convert a fraction to a percentage, divide the numerator by the denominator and multiply by 100. E.g., $\frac{1}{4} = 1 \div 4 = 0.25 \times 100 = 25\%$.