

MATHS WORDWALLS

- **OVER 750 CORE TERMS & DEFINITIONS**
- **PRINT STRAIGHT FROM WITHIN POWERPOINT**
- **PRINT A SINGLE TERM OR ANY SELECTION**
- **PERSONALISE THE FULLY EDITABLE TEXT**
- **ENHANCES LITERACY AND UNDERSTANDING**

volume - pyramid

perpendicular height
length (l)
depth (d)

volume = $\frac{1}{3}$ base area \times h
= $\frac{1}{3} l \times d \times h$

The amount of 3-d space occupied by a square based pyramid.

This truly innovative resource will enhance students' interest and learning when you present, print and display our outstanding PowerPoint presentations. The terminology used is suitable for all students of Maths - simply select the appropriate terms for the relevant age or ability range. The WordWall presentations can be used on interactive whiteboards, standalone or networked PCs to enhance teaching and learning in a variety of ways. You can present the terms and definitions from within PowerPoint and print and display the slides within the classrooms for ongoing reference. The slides are staged so that the term appears first, then the image and finally the meaning - allowing careful narration and class discussion. From 'Accuracy' to 'Y axis' the terms are all relevant, clearly explained and superbly illustrated.

discrete variable

A variable which increases in steps, e.g. height, gender, month of the year

expression

$a + b$ $2x - y$

$3x + 4y$

$x^2 + 4$ $3x^2 - 3$

Two or more algebraic terms linked with + or - signs.

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cross-sectional area

The area of the shape exposed when a solid is sliced.

SET 1

380 TERMS & IMAGES

9 EDITABLE POWERPOINT PRESENTATIONS - FOCUSING ON NUMBER WORK AND SHAPE & SPACE

Wordwalls - Presentation Titles	Number of Slides/Terms	Word Range
Number Work - Types of Number	28	consecutive - whole numbers
Number Work - Decimals & SF	24	ascending order - vector
Number Work - Ratio & Proportionality	23	compound interest - VAT
Number Work - Calculations	40	add - treble
Number Work - Fractions	44	cancel - vulgar fraction
Shape & Space - 2D Shapes	80	axis - vertex
Shape & Space - 3D Shapes	58	base - vertices
Shape & Space - Circles	37	arc - tangent
Shape & Space - Construction	46	bisect - translation
Total Terms	380	

platonic solid

A regular convex polyhedron.

Teacher's Guidelines
 Included Free!
 + 20 Activity Ideas!

Activity Ideas (Starters and Plenaries)

What's My Meaning?	What's My Word?
Word Splat	Call My Bluff
Word Bingo	Mix and Match
Hangman	Charades
Word Scramble	Name That Word
Word Rush	Anagram Trail
Word Auction	Memory Game
How Many Words?	Washing Line
Traffic Lights	Taboo
True/False	Noughts and Crosses

simple interest

£100 → 4% → £104

When interest is added each year so the sum grows.

half

$\frac{1}{2}$

One of two equal parts of a whole.

circle theorem - 8

The angle between the tangent and chord at the point of contact is equal to the angle in the alternate segment.

magnitude

+6 -9 +4 +5 -3

The size of a number, ignoring its sign.

SET 2

390 TERMS & IMAGES

10 EDITABLE POWERPOINT PRESENTATIONS - FOCUSING ON MEASUREMENT & DATA HANDLING

Wordwalls - Presentation Titles	Number of Slides/Terms	Word Range
Algebra	36	algebra - variable
Data Handling - Graphs 1	34	axis - y axis
Data Handling - Graphs 2	18	bar chart - velocity/time graph
Data Handling - Terminology 1	53	average - Venn diagram
Data Handling - Terminology 2	69	accuracy - trial
Measurement 1 - Length & Mass	45	acceleration - yard
Measurement 2 - Perimeter, Area & Volume	30	area - volume
Measurement 3 - Time & Temperature	29	anticlockwise - year
Number 4 - Factors	28	common factors - trial
Shape & Space - Angles & Bearings	48	acute - trigonometry
Total Terms	390	

Pythagoras Theorem

The relationship between the sides of a right triangle.

$$a^2 + b^2 = c^2$$

tangent ratio

The ratio of opposite over adjacent

expression

$a + b$
 $3x + 4$
 $x^2 + 4$

interquartile range

lower quartile: 3, 4, 4, 6, 6, 8, 8, 9, 10, 10
upper quartile: 10, 10

interquartile range: $10 - 4 = 6$

The difference between the upper and lower quartiles

trend

Colour of car	Number of cars
Red	2
Blue	4
Yellow	1
Green	3
Black	0

The overall pattern within the data.

clinometer

A device used to measure the angle of a slope.

mean

The formula for calculating the mean is:

$$\bar{x} = \frac{\sum x}{n}$$

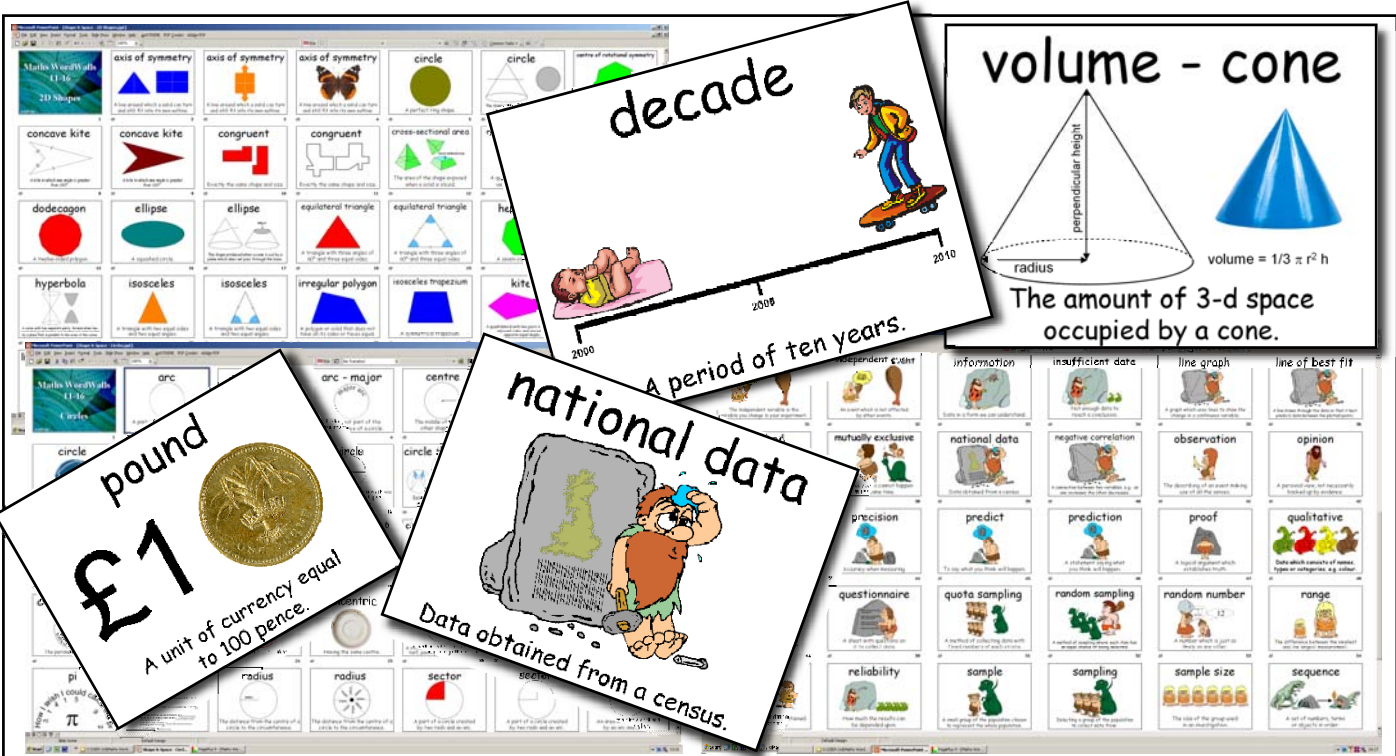
where \bar{x} = the mean
 \sum = the sum of
 x = any value
 n = number of values

A type of average found by adding all the data and dividing by number of data.

Superb images to illustrate & explain

complementary

Angles which add up to 90°



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