

Mathematical Vocabulary EYFS to Year 2



Using correct mathematical language is crucial for thinking, learning and communicating mathematically. At The Mead, we encourage children to explain what they are doing and why they are doing it. We offer children plenty of opportunities to use mathematical language through class discussions, paired activities, group discussions and games. Children are introduced to appropriate vocabulary at a time when it is relevant.

EYFS	Year 1	Year 2
<p>number zero, one, two, three... to twenty and beyond teen numbers, eleven, twelve.... twenty none how many...? count, count (up) to, count on (from, to), count back (from, to) count in ones, twos, fives, tens is the same more, less odd, even how many times? pattern pair</p>	<p>number numeral zero, one, two, three... to twenty and beyond teen numbers, eleven, twelve.... twenty twenty, twenty-one... one hundred none how many...? count, count (up) to, count on (from, to), count back (from, to) forwards backwards count in ones, twos, fives, tens equal to equivalent to is the same more, less most, least odd, even multiple of how many times? pattern pair</p>	<p>number numeral zero, one, two, three... to twenty and beyond teen numbers, eleven, twelve.... twenty twenty, twenty-one... one hundred, two hundred... one thousand none how many...? count, count (up) to, count on (from, to), count back (from, to) forwards backwards count in ones, twos, fives, tens, threes equal to equivalent to is the same more, less most, least odd, even multiple of sequence continue predict how many times? pattern pair, rule > greater than</p>

Comparing and ordering

ones
tens
digit
the same number as, as many as
Of two objects/amounts:
more, larger, bigger, greater
less, fewer, smaller
Of three or more objects/amounts:
greatest, most, biggest, largest
least, fewest, smallest
one more, one less
compare
order
size
first, second, third... tenth
last, last but one, before, after, next, between
above, below

Estimating

guess
how many...?
estimate

Place value and ordering

ones
tens
digit
exchange
the same number as, as many as
Of two objects/amounts:
more, larger, bigger, greater
less, fewer, smaller
Of three or more objects/amounts:
greatest, most, biggest, largest
least, fewest, smallest
one more, one less
ten more, ten less
equal to
compare
order
size
first, second, third... tenth, eleventh.... twentieth
last, last but one, before, after, next, between
above, below
half-way between
above, below

Estimating

guess
how many...?
estimate
nearly
roughly
close to
about the same
just over, just under

< less than

Place value and ordering

ones
tens
hundreds
digit
one, two or three digit number
exchange
stands for, represents
the same number as, as many as
Of two objects/amounts:
more, larger, bigger, greater
less, fewer, smaller
Of three or more objects/amounts:
greatest, most, biggest, largest
least, fewest, smallest
one more, one less
ten more, ten less
equal to
compare
order
size
first, second, third... tenth, eleventh.... twentieth
twenty-first, twenty-second....
last, last but one, before, after, next, between
above, below
half-way between
above, below
> greater than
< less than

Estimating

guess
how many...?

Calculations

Addition and subtraction

add, more, and, plus
equals, make, sum, total, altogether
double
one more, two more, ten more...
how many more to make...?
how many more is... than...?
take away, minus
how many are left/left over?
how many have gone?
one less, two less... ten less...
how many fewer is... than...?
how much less is ..?
difference between

too many, too few
enough, not enough

Calculations

Addition and subtraction

addition, add, more, and, plus
equals, make, sum, total, altogether
double
near double
one more, two more, ten more...
how many more to make...?
how many more is... than...?
subtraction, subtract, take away, minus
how many are left/left over?
how many have gone?
one less, two less... ten less...
how many fewer is... than...?
how much less is ..?
difference between
number bonds
missing number

estimate
nearly, roughly
close to, about the same
just over, just under
exact, exactly
too many, too few
enough, not enough

Calculations

Addition and subtraction

addition, add, more, and, plus
equals, make, sum, total, altogether
double
near double
one more, two more, ten more, twenty more, thirty more... one hundred more
how many more to make...?
how many more is... than...?
subtraction, subtract, take away, minus
how many are left/left over?
how many have gone?
one less, two less... ten less... twenty less, thirty less... one hundred less
how many fewer is... than...?
how much less is ..?
difference between
number bonds
missing number
ten boundary

Multiplication and division

sharing
doubling
halving
number patterns

Fractions

whole
parts
equal parts
sharing
fair
unfair
halving
doubling

Multiplication and division

multiplication
multiply
multiplied by
array
division
dividing
grouping
lots of
groups of
repeated addition
sharing
doubling
halving
number patterns

Fractions

whole
parts
equal parts
fraction
equal parts
equal grouping
equal sharing
sharing
fair
unfair
half
halving
one of two parts
quarter
one of four parts
doubling

Multiplication and division

multiplication
multiply
multiplied by
array
division
dividing
divided into
grouping
equal groups of
lots of
groups of
times
once, twice, three times... ten times
repeated addition
column
row
sharing
doubling
halving
number patterns

Fractions

whole
parts
equal parts
fraction
equivalent fraction
mixed number
numerator, denominator
equal parts
equal grouping
equal sharing

		sharing fair unfair half, two halves halving one of two parts quarter, two quarters, three quarters one of four parts one third, two thirds one of three equal parts doubling
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Measures, shape and space
Measures (general)

measure
size
compare
guess, estimate
enough, not enough
too much, too little, too many, too few
nearly, close to, about the same as
just over, just under

Length

metre
length, width, height, depth
long, short, tall
high, low
wide, narrow
thick, thin
longer, shorter, taller, higher... and so on
longest, shortest, tallest, highest... and so on
far, near, close

Weight

weigh, weighs, balances
heavy/light
heavier/lighter
heaviest/lightest
balance, scales, weight

Capacity

full
half full
empty

Measures, shape and space
Measures (general)

Measure
measurement
size
compare
guess, estimate
enough, not enough
too much, too little, too many, too few
nearly, close to, about the same as
just over, just under
roughly

Length

centimetre (cm), metre (m)
length, width, height, depth
long, short, tall
high, low
wide, narrow
thick, thin
longer, shorter, taller, higher... and so on
longest, shortest, tallest, highest... and so on
far, near, close

ruler

metre stick

Weight

kilogram, half kilogram
weigh, weighs, balances
heavy/light
heavier/lighter
heaviest/lightest
balance, scales, weight

Measures, shape and space
Measures (general)

Measure
Measurement
Measuring scales
size
compare
guess, estimate
enough, not enough
too much, too little, too many, too few
nearly, close to, about the same as
just over, just under
roughly

Length

centimetre (cm), metre (m)
length, width, height, depth
long, short, tall
high, low
wide, narrow
thick, thin
longer, shorter, taller, higher... and so on
longest, shortest, tallest, highest... and so on
far, further, furthest, near, close
ruler
metre stick, tape measure

Weight

kilogram, half kilogram, gram
weigh, weighs, balances
heavy/light

<p>holds container</p> <p>Time time days of the week: Monday, Tuesday... day, week birthday, holiday morning, afternoon, evening, night bedtime, dinnertime, playtime today, yesterday, tomorrow before, after next, last now, soon, early, late quick, quicker, quickest, quickly slow, slower, slowest, slowly old, older, oldest new, newer, newest takes longer, takes less time hour, o'clock clock, watch, hands</p>	<p>Capacity Litre (l), half a litre Capacity volume full half full half empty quarter full quarter empty more than less than empty holds container</p> <p>Time time days of the week: Monday, Tuesday... day, week, weekend, month, year midnight <i>seasons: spring, summer, autumn, winter</i> <i>month of the year (January, February...)</i> date birthday, holiday morning, afternoon, evening, night bedtime, dinnertime, playtime today, yesterday, tomorrow before, after earlier, later first, next, last now, soon, early, late quick, quicker, quickest, quickly</p>	<p>heavier/lighter heaviest/lightest balance, scales, weight</p> <p>Capacity litre, half a litre, millilitre (ml) Capacity volume full half full half empty quarter full quarter empty more than less than empty holds, contains container</p> <p>Time time days of the week: Monday, Tuesday... day, week, weekend, fortnight, month, year midnight <i>seasons: spring, summer, autumn, winter</i> <i>month of the year (January, February...)</i> date birthday, holiday morning, afternoon, evening, night bedtime, dinnertime, playtime today, yesterday, tomorrow before, after earlier, later first, next, last</p>
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Money- through role play

money
coin
penny, pence, pound
price, cost
total
buy, sell
spend, spent
pay
compare, double, half,
count out, share out, left, left over
how much...? how many...?

slow, slower, slowest, slowly
fast, faster, fastest
old, older, oldest
new, newer, newest
takes longer, takes less time
hour, o'clock
half past
hours, minutes
clock, watch, hands
how long ago?
how long will it be to...?
how long will it take to...?
how often?
always, never, often, sometimes, usually
once, twice

Money
money
coin
penny, pence, pound
price, cost
total
buy, sell
spend, spent
pay
compare, double, half
count out, share out, left, left over
costs more, cost less
cheaper
costs the same
how much...?
how many...?

now, soon, early, late
quick, quicker, quickest, quickly
slow, slower, slowest, slowly
fast, faster, fastest
old, older, oldest
new, newer, newest
takes longer, takes less time
hour, o'clock
half past
quarter past
quarter to
5, 10, 15... minutes past
hours, minutes, *seconds*
clock, watch, hands
digital/ analogue, timer
how long ago?
how long will it be to...?
how long will it take to...?
how often?
always, never, often, sometimes, usually
once, twice

Money
money
coin
penny, pence, pound
price, cost
total
buy, sell
spend, spent
pay
compare, double, half
count out, share out, left, left over
Change

Properties of shape

3D shapes

cube, pyramid, sphere, cone
face, edge, vertices
solid
build, stack
roll

2D shapes

circle, triangle, square, rectangle
corner, **side**
flat, curved, straight, round

Position, direction and movement

over, under
above, below
top, bottom, side
on, in
outside, inside
around
in front, behind
front, back
before, after
next to
between
direction
turn
up, down
forwards, backwards, sideways
next to, close, far, near

Properties of shape

3D shapes

cube, cuboid, pyramid, sphere, cone, cylinder
face, edge, vertices, **vertex**

2D shapes

circle, triangle, square, rectangle, pentagon
hexagon etc
corner, **side**
flat, curved, straight, round

Position, direction and movement

position
over, under
above, below
top, bottom, side
on, in
outside, inside
around
in front, behind
on top of
front, back
before, after
next to
between
direction
turn
left
right
up, down
forwards, backwards, sideways
next to, close, far, near
above

Costs more, cost less

Cheaper

Costs the same

How much...?

How many...?

Properties of shape

3D shapes

cube, cuboid
pyramid
sphere
cone
cylinder
prism
face, edge, vertices
vertex

2D shapes

circle, **circular**, triangle, **triangular**, square,
rectangle, **rectangular**, pentagon, hexagon etc
corner, **side**
flat, curved, straight, round

Properties of shape- general

Symmetry, symmetrical, symmetrical pattern
line of symmetry
fold
mirror line, reflection
surface

Position, direction and movement

position
over, under
above, below

	<p> <i>around</i> <i>near</i> <i>close and far</i> <i>underneath</i> <i>centre</i> <i>journey</i> <i>whole turn, half turn, quarter turn, three- quarter turn</i> </p>	<p> top, bottom, side on, in outside, inside around in front, behind <i>on top of</i> front, back before, after next to between direction turn <i>left</i> <i>right</i> up, down higher, lower forwards, backwards, sideways next to, close, far, near <i>above</i> <i>around</i> <i>near</i> <i>close and far</i> <i>underneath</i> <i>centre</i> <i>journey, route</i> <i>whole turn, half turn, quarter turn, three- quarter turn</i> clockwise, anticlockwise right angle straight line Statistics count, tally, sort, vote graph, block graph, pictogram </p>
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		represent group, set list, table label, title most popular, most common least popular, least common
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