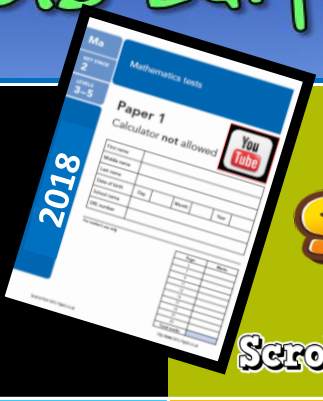
KS2 Maths SKILLS ORGANISER by GENIUS MATHS

2018 Edition

Arithmetic 1 - 10
Reasoning 11 - 48



PAST SATS PAPERS
Scroll down...

Maths Vid-A-MINS
YEAR 5

COLUMN METHODS + and - 01	MULTIPLES & MULTIPLYING 02	LONG MULTIPLICATION 03	DIVISION BUS SHELTER + CHUNKING 04
Reason it!	Explain it!	Prove it!	Justify it!
DECIMALS 05	PERCENTAGE 06	× and ÷ by 10, 100, 1000 07	+ and - FRACTIONS 08
Reason it!	Explain it!	Prove it!	Justify it!

KS2 Maths SKILLS ORGANISER

Keep scrolling for whole Past Papers with YouTube buttons.

× and ÷ FRACTIONS (also fraction of an amount)

09

BODMAS BIDMAS

10

HOW TO USE

* CLick the numbered boxes for STANDARD booosters (you have to find the answer)

* CLick the light bulbs for PROVE IT boosters (answer given, you explain where it comes from)

* Boosters 1 - 10 cover the Arithmetic paper which is worth 40 marks.

* Boosters 11 - 48 cover two Reasoning papers which are worth 35 marks each.

* The Skills on Boosters 1 - 10 will also help with the Reasoning Papers





FRACTION, DECIMAL, PERCENTAGE EQUIVALENCE

11

MULTI-STEP PROBLEM SOLVING

12





MONEY PROBLEMS

13

TIME

14





PROPORTION + RATIO

15

INTERPRET CHARTS

16


Prove it!
Justify it!
PIE CHARTS
17
PLACE VALUE
+ ROMAN NUMERALS
18
ROUNDING
19
FACTORS, PRIMES, SQUARES
20
Reason it!
Explain it!
Prove it!
Justify it!
FRACTIONS OF SHAPES
21
ANGLES + LINES
22
MEASUREMENT + UNITS
23
PERIMETER
24
Reason it!
Explain it!
Prove it!
Justify it!
AREA
25
MISSING LENGTHS
from DIAGRAMS
26
WORKING BACKWARDS
27
ALGEBRA + UNKNOWNS
28
Reason it!
Explain it!
Prove it!
Justify it!

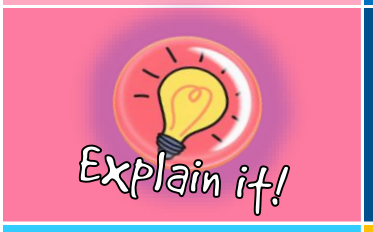
NEGATIVE NUMBERS





SEQUENCES





READ SCALES
+ NUMBER LINES





COORDINATES





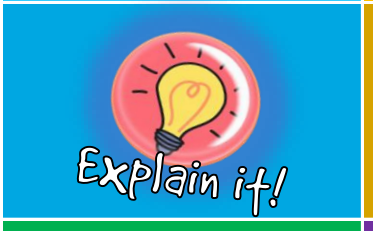
SHAPE NAMES





QUADRILATERAL PROPERTIES





3D SHAPES,
VOLUME + NETS





SORTING DIAGRAMS





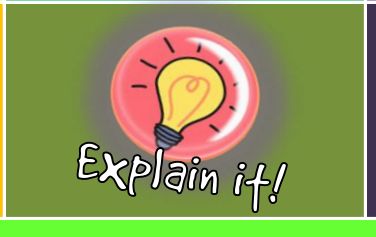
REFLECT SHAPES
+ SYMMETRY





TRANSLATE SHAPES





ROTATE SHAPES





THE MEAN AVERAGE





EFFORT + HARD WORK = SUCCESS

Keep scrolling for whole Past Papers with YouTube buttons.

LINE GRAPHS

41

PICTOGRAMS

42

USE EACH NUMBER ONCE

43

COINS

44

Reason it!

Explain it!

Prove it!

Justify it!

COMBINATIONS

45

EXPLAIN BY COUNTER-EXAMPLE

46

> < and = SIGNS

47

COMPARING

48

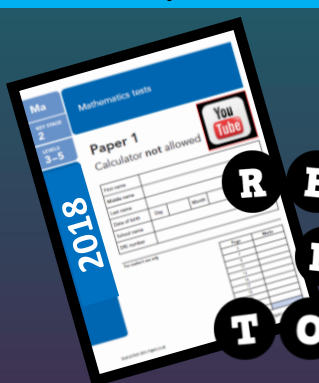
Reason it!

Explain it!

Prove it!

Justify it!

PAST PAPERS



REVISE MIXED TOPICS

PAPER 2017 1

PAPER 2017 2

PAPER 2017 3

PAPER 2016 1

PAPER 2016 2

PAPER 2016 3

PAPER Sample 1

PAPER Sample 2

PAPER Sample 3

PAPER 2014 1

PAPER 2014 2

* * * In 2014 there were two non-calculator papers + mental test instead of arithmetic. Prior to 2014 there was a mental test and calculator paper which are no longer relevant so are *not* shown here.

2013

2012

2011

2010

2009

2008

2007

2006

2005

2004

2003

2002

2001

2000