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!

Keep scrolling for whole Past Papers with YouTube buttons.

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

× and ÷ FRACTIONS (also fraction of an amount)

09

BODMAS BIDMAS

10

Reason it!

Explain it!

FRACTION, DECIMAL, PERCENTAGE EQUIVALENCE

11

MULTI-STEP PROBLEM SOLVING

12

Prove it!

Justify it!

MONEY PROBLEMS

13

TIME

14

Reason it!

Explain it!

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

29

SEQUENCES

30

READ SCALES + NUMBER LINES

31

COORDINATES

32

Reason it!

Explain it!

Prove it!

Justify it!

SHAPE NAMES

33

QUADRILATERAL PROPERTIES

34

3D SHAPES, VOLUME + NETS

35

SORTING DIAGRAMS

36

Reason it!

Explain it!

Prove it!

Justify it!

REFLECT SHAPES + SYMMETRY

37

TRANSLATE SHAPES

38

ROTATE SHAPES

39

THE MEAN AVERAGE

40

Reason it!

Explain it!

Prove it!

Justify it!

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