

Year 6 Mathematics and English Workshop



Aims

- To outline the curriculum requirements for Year 6.
- To introduce the 'CGP Targeted Study Books' that will be used to prepare your child for SATs.
- To explain how the study books can be used to support your child at home.

Mathematics Curriculum

Number and place value

Addition and subtraction

Multiplication and division

Fractions, decimals and percentages

Measurement

Geometry

Statistics

English Curriculum

Reading – word reading
– comprehension

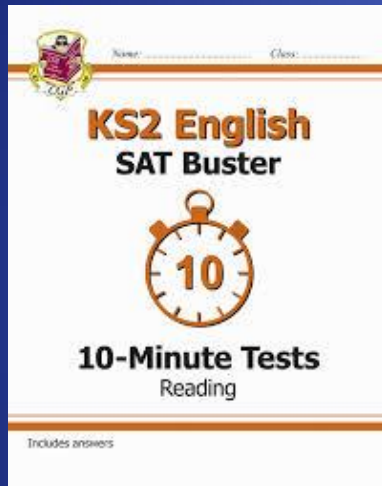
Writing – transcription
– composition
– grammar, punctuation and spelling

SATs Tests

The Key Stage 2 tests are
timetabled from Monday 11
May to Thursday 14 May 2020.

Study Books – In School

Key Stage 2 SAT Buster 10 Minute Tests



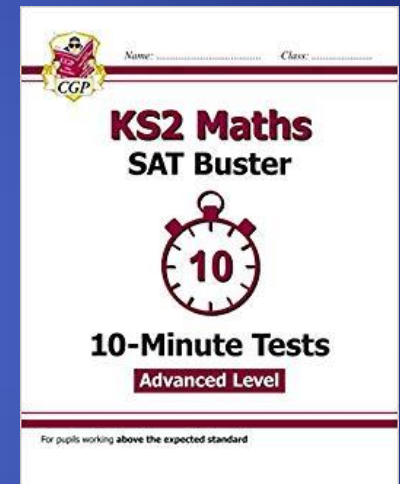
Reading



Grammar,
Punctuation
and Spelling



Mathematics



Reading

Set A x 6

Set B x 6

Set C x 6

Ten minutes to read the text and complete the questions. Children to mark their answers for instant feedback.



Set B: Test 4

There are **7 questions** in this test.
Give yourself **10 minutes** to read the text and answer the questions.

FUN DAY RAISES FUNDS FOR FRIEND

By Julie Wakefield

Year Six pupils at Ramsway Junior School hosted a Charity Fun Day on Saturday, donating the proceeds to the Disability Support Unit at St. Mary's Hospital.

The children's efforts began long before the day itself, as year group leader, Mr James Parkinson, explained: "One of the Year Six classes came up with the idea back in January, and since then all of the planning has been coordinated by the pupils themselves."

The Fun Day began at 10am with the children's races. Students of all ages took part in light-hearted events such as an egg and spoon race and an inflatable obstacle course, with

prizes donated by local businesses.

Come lunchtime, the school field was full of local families, many enjoying picnics in the bright April sunshine.



The morning sack race was a real hit.

A wide variety of activities were on offer throughout the afternoon. One of the most entertaining was the adults three-legged race, perhaps topped only by the final 'Soak a Teacher' event at 4pm. Students could pay one pound each to aim wet sponges at a member of Ramsway's staff.

"I must say I was a little nervous about this one at first," said a rather wet Mr Parkinson, "but since it's for charity I was happy to be a part of the fun."

This particular charity has a special importance for the pupils at Ramsway, as one of their classmates, Sophia Martin, attends the Disability Support Unit once a fortnight. "I love going to St. Mary's," Sophia told the Ramsway Herald. "There are loads of fun activities, like wheelchair basketball."

"The support St. Mary's provide is invaluable," said Sophia's mother, May Martin. "It's so wonderful to see it backed by the school in this way."

The Fun Day raised £1500 in total, and pupils hope to add to this with the ticket sales from their Leaver's Show in the Summer Term.



Sophia has been going to St. Mary's for many years.

Grammar, Punctuation and Spelling

Set A x 4

Set B x 4

Set C x 4

Ten minutes to complete
the test.

Children mark their own
so that they have instant
feedback.



Set B: Grammar & Punctuation 1

There are **12 questions** in this test. Give yourself **10 minutes** to answer them all.

1. Read the sentences below. Circle **one** word in each pair of brackets to complete the sentences using **Standard English**.

He should (have / of) been here by now.

I don't know (nothing / anything) about that.

_____ 1 mark

2. Tick **both** sentences below that use the word notice as a **verb**.

tick **two** boxes

Did you notice the sign on the door?

☐

She put a notice up on the board at school.

☐

I handed in my notice at work.

☐

It took them a week to notice.

☐

_____ 1 mark

3. Complete the sentence below by adding suitable **determiners**.

I asked for ice cream with chocolate flake,
but shop was closed.

_____ 1 mark

4. Underline the **main clause** in each of the sentences below.

While Nate is shopping, Liza takes the dog for a walk.

I didn't buy a handbag, although I did see one that I liked.

_____ 1 mark

Mathematics

Set A x 6

Set B x 6

Set C x 6

Ten minutes to complete
the test.

Children mark their own
so that they have instant
feedback.

6. Invitations are sold in packs of 3.
Emily needs 77 invitations for her party.

How many packs of invitations does she need to buy?



_____ packs

1 mark

7. This pie chart shows the costumes
worn by Year 3 at Halloween.



There are 72 children in Year 3.

How many children wore a zombie costume?



1 mark

11 children were dressed as a ghost.

How many were dressed as Dracula?



1 mark

END OF TEST

_____ / 10

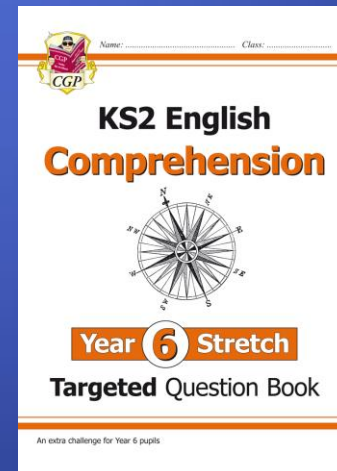
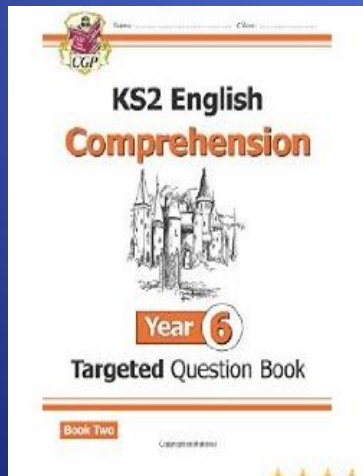
Study Books – In School

KS2 English Comprehension – Targeted Question Book.

To be used in ‘Guided Reading’ lessons.

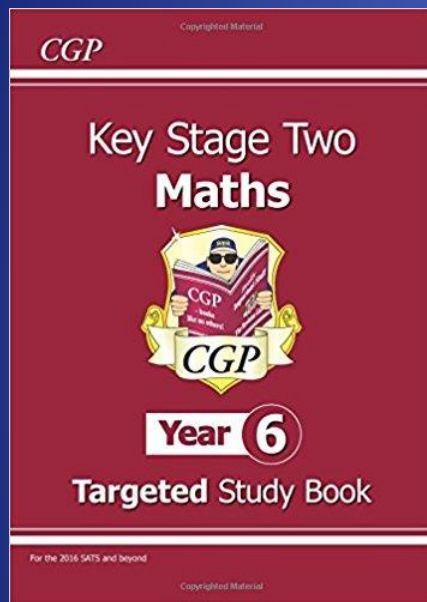
Children to discuss and evaluate their work in class.

Children to be given a score by their teacher.

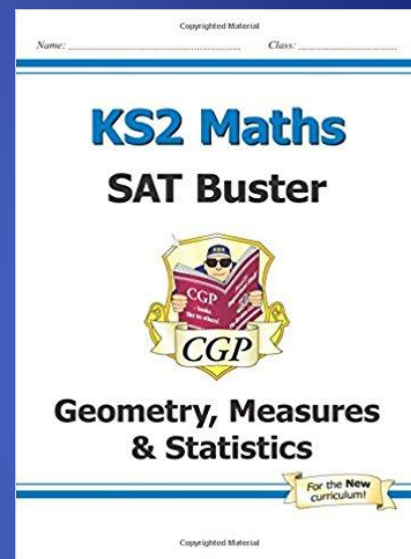
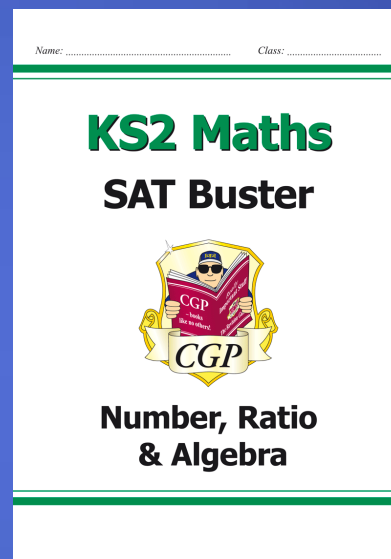
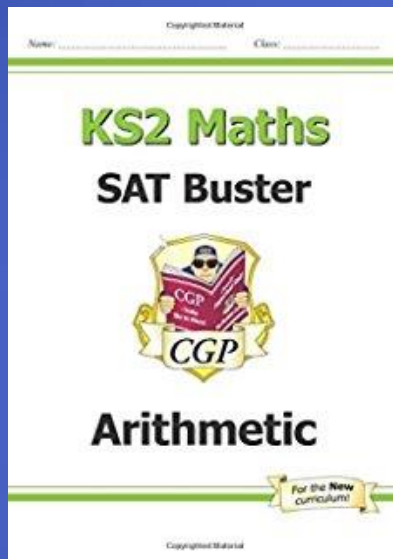


Study Books – Mathematics at Home

Revision Book



SAT Busters



Each week your child will have two short pieces of mathematics homework to complete in the SAT Buster. They will be expected to read a section of the Targeted Study Book first.

SAT Buster Stretch.

Content of Targeted Study Books

Contents

Section 1 – Number and Ratio

Place Value and Roman Numerals	1
Ordering Numbers and Rounding	2
Decimals	5
Fractions	7
Percentages	9
Decimals, Fractions and Percentages	10
Proportion and Ratio	11
Multiples, Factors and Primes	14
Square and Cube Numbers	17

Section 2 – Calculations

Adding and Subtracting	19
Adding and Subtracting Fractions	21
Multiplying and Dividing	22
Multiplying and Dividing Fractions	26
Checking and Estimating	27

Section 3 – Problem Solving and Algebra

Wordy Problems	30
Patterns and Sequences	32
Formulas	35

Contents

Section 1 – Geometry

2D Shapes	1
Circles	3
3D Shapes	4
Angles	6
Angle Calculations	9
Coordinates	12
Symmetry	14
Translation and Reflection	15

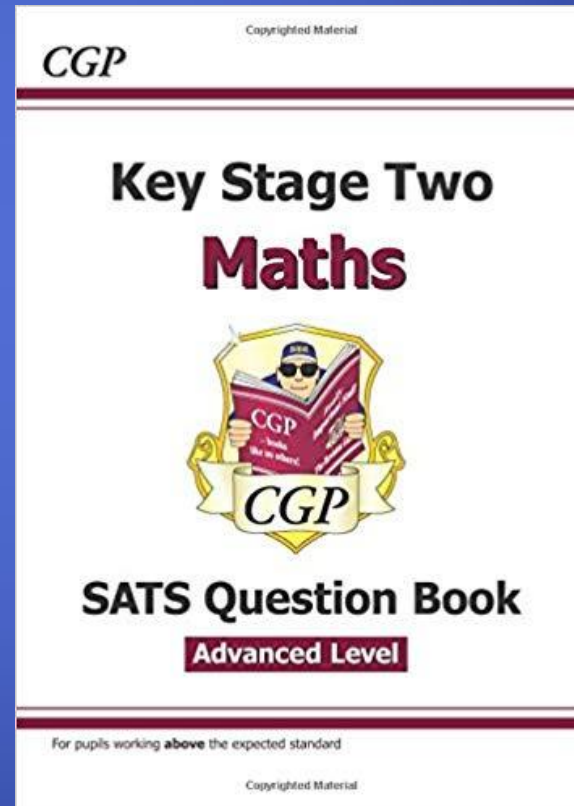
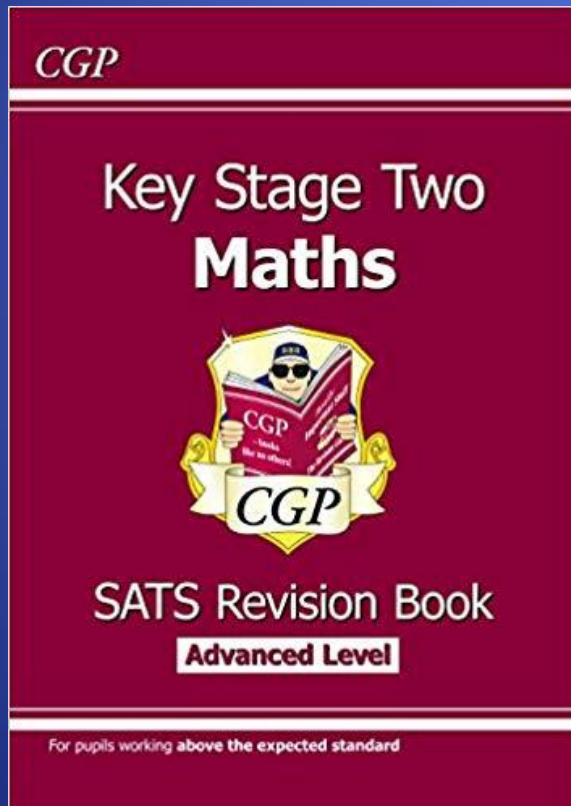
Section 2 – Measurement

Units	17
Reading Scales	22
Time	24
Money	28
Perimeter and Area	29
Volume	34

Section 3 – Statistics

Tables, Charts and Graphs	35
Analysing Data	41

Study Books – Mathematics Advanced for Home and School



Contents of Advanced Level Question Book

Contents

About This Book 1

Practice Test 1 2

SECTION ONE — NUMBER & PLACE VALUE

Ordering Numbers 6

Negative Numbers 8

Rounding Off 10

SECTION TWO — CALCULATIONS

Written Multiplication 12

Written Division 14

Multiplying and Dividing with Decimals 16

Order of Operations 18

Estimation and Accuracy 20

Factors, Multiples and Primes 21

SECTION THREE — FRACTIONS, DECIMALS & PERCENTAGES

Fractions 23

Comparing Fractions 24

Multiplying Fractions 25

Adding and Subtracting Fractions 26

Dividing Fractions 28

Equivalent Fractions and Decimals 29

Fractions, Decimals and Percentages 31

SECTION FOUR — RATIO, PROPORTION & ALGEBRA

Ratio and Proportion 33

Unequal Sharing 36

Percentage Problems 1 38

Percentage Problems 2 40

Similar Shapes 42

Formulas and Expressions 44

Finding Missing Numbers 1 46

Finding Missing Numbers 2 47

Number Sequences 49

SECTION FIVE — MEASURE

Units and Conversions 51

Perimeters and Areas 55

Areas of Triangles 57

Areas of Parallelograms 59

Volume 60

SECTION SIX — GEOMETRY

Angle Rules 62

Drawing 2D Shapes 64

Properties of Shapes 66

Angles in Shapes 68

3D Shapes 70

Coordinates 72

Reflection 74

Translation 76

SECTION SEVEN — STATISTICS

Line Graphs 78

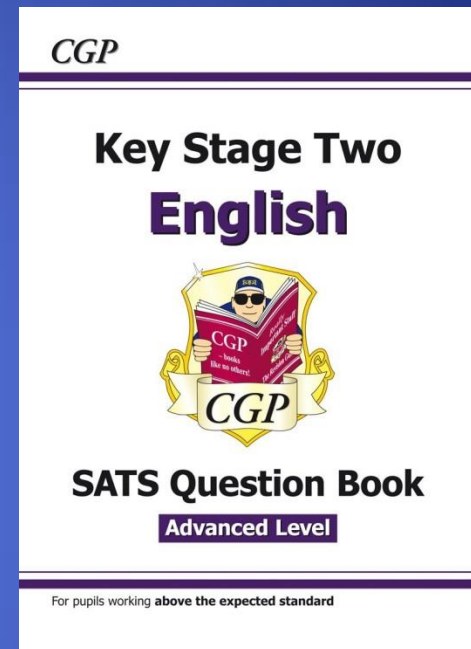
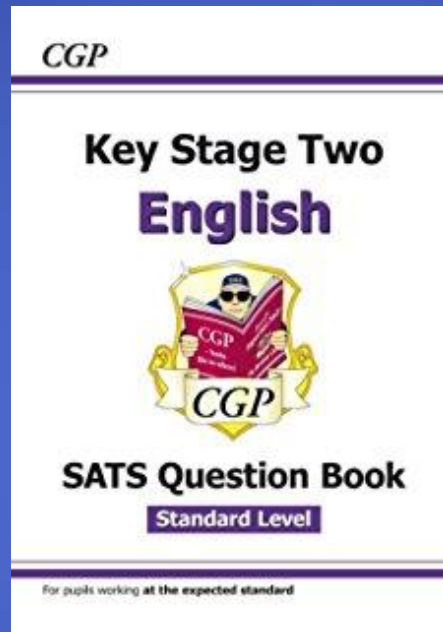
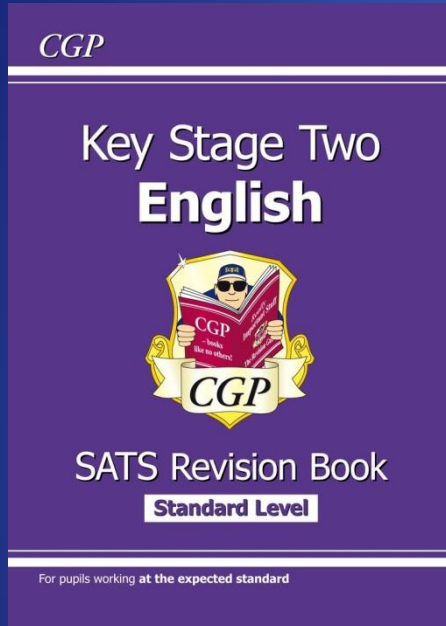
Pie Charts 80

The Mean 82

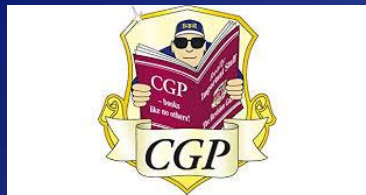
Practice Test 2 84

Answers 88

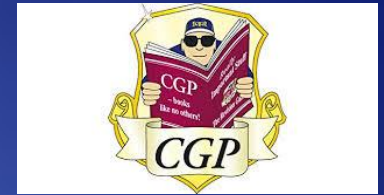
Study Books – English at Home



Each week your child will have one longer piece of English homework to complete in the SAT Buster. They will be expected to read a section of the Targeted Study Book first.



Homework



Homework will be set on Monday and completed for the following Monday.

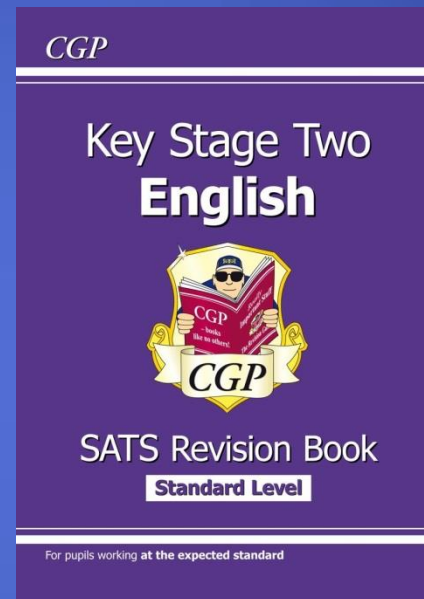
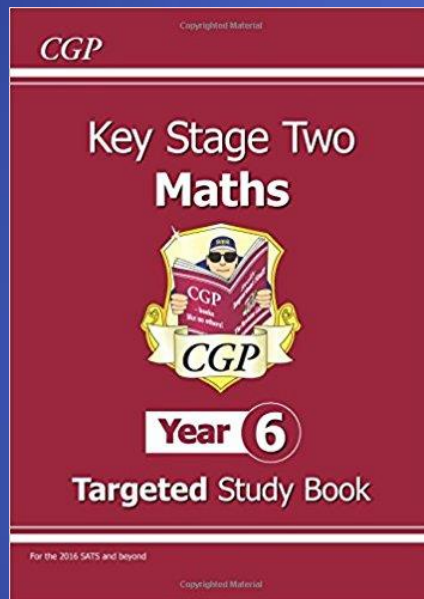
On Monday your child's class teacher will go through the completed homework with the class and your child will mark it themselves.

Children should not return their homework earlier as they will benefit from having the study books at home.

Please remember to only complete the sections set.

The class teacher will set the new homework on Monday.

Please help us to keep these resources in good condition.



Ensure that your child does not write in the books with the coloured covers as these will be used in school by other children.

A suitable folder for transporting the books between home and school would be useful.

Reading Mountain Challenge

A reminder

Please encourage your child to read regularly at home.

Read in different ways:

Choral reading

Paired reading

Independent reading

Reading for research

Reading for enjoyment

Reading discussions

Your child
should read to
an adult at least
three times a
week.

Any Questions?



Thank you for attending and your continued support.