St Buryan Academy SATs Revision Booklet 2016

Name:

This booklet is designed to help you with your KS2 SATs. I have included some activities and some practice SATs questions from sample papers and papers from previous years.

Each day has 10-15mins worth of activities, however, how you plan and organise your time is up to you.

If you require the answers I can email them to you. It runs from Monday 7th March-Friday 6th April (45 days – not inc. weekends).

There is also a short evaluation that I would appreciate you filling in at the end.

Thank you,

Mr McDonald

Day 1 Monday 14th March: Arithmetic

Today will focus on some questions on arithmetic. Remember that workings will help you, although you do not have to show them.

WARM UP

124 + \_\_\_\_\_\_ = 224 54+ \_\_\_\_\_\_\_\_=100 44+\_\_\_\_\_\_\_=100

347 - \_\_\_\_\_\_\_ = 247 23+\_\_\_\_\_\_\_\_=31 100-\_\_\_\_\_\_=12

How quickly can you write out the 2 x tables?

1x2

YOUR QUESTIONS (BASED ON THIS YEAR’S ARITHMETIC SAMPLE PAPER):

989+100= (1mark)

124x2= (1mark)

6.2+0.4= (1mark)

2x2

3x2

4x2

5x2

6x2

7x2

8x2

9x2

10x2

11x2

12x2

15x2

100x2

35x2

18x2

45x2

Day 2 Tuesday 15th March: Problem Solving and Reasoning

Remember that in this paper you may get marks for your workings. The questions will require similar skills to those in the arithmetic paper but are asked in different ways.

WARM UP 150-(5x8)= 170-171= 245+\_\_\_\_\_\_=265

How quickly can you write the 3 x tables? 2,001-1,000= 14.1x100= 457-20=\_\_\_\_\_\_\_

1x3

2x3

YOUR QUESTIONS (BASED ON THIS YEAR’S PROBLEM SOLVING AND REASONING SAMPLE PAPER):

180 is 20 more than 160

\_\_\_\_\_ is 20 more than 237 (1mark)

A pack of paper has 150 sheets. 4 children take 7 sheets. How many are left in the packet? (1mark)

What is 444 minutes in hours and minutes? (1mark)

3x3

4x3

5x3

6x3

7x3

8x3

9x3

10x3

11x3

12x3

13x3

20x3

15x3

25x3

33x3

Day 3 Wednesday 16th March 2016: Punctuation and Grammar

WARM UP

YOUR QUESTIONS (BASED ON THIS YEAR’S PUNCTUATION AND GRAMMAR SAMPLE PAPER):

Tick one sentence that must end in a question mark.

What I wanted had already sold out

Ask Ryan what he thinks about it

What time will the film start

I didn’t know what to say (1mark)

Which pair of verbs correctly completes the sentence below?

**Pluto \_\_\_\_\_\_\_\_\_\_\_ now called a dwarf planet, but once it \_\_\_\_\_\_\_\_\_ classified as a planet.**

**Tick one:**

was is

was was

is is

is was (1mark)

Which sentence has been punctuated correctly?

**Tick one:**

Immediately after, dinner we did the cleaning.

Immediately after dinner we did, the cleaning.

Immediately after dinner, we did the cleaning.

Immediately, after dinner we did the cleaning. (1mark)

Name the punctuation:

?

!

…

;

Write the punctuation mark:

Colon

Hyphen

Brackets

Inverted commas

Full stop

Comma

Put the punctuation to finish these sentences:

a)What is the weather like today

b)I like apples

c)Go tidy your room

Statement, Question, Command

What is sentence a)?

What is sentence b)?

What is sentence c)?

Day 4 Thursday 17th March 2016: Arithmetic

So, as you know, today is a very important day! It is my birthday – so your present to me can be some amazing arithmetic revision (or some Percy Pigs).

WARM UP: 20x3= 4x3= 100x3=

How quickly can you write your 4x tables?

YOUR QUESTIONS (BASED ON THIS YEAR’S ARITHMETIC SAMPLE PAPER):

24x3= (1mark)

1,034+586= (1mark)

48 divided by 6= (1mark)

How quickly can you write your 6 times tables?

Write these numbers in words:

1,456

20,479

12

194,564

28.23

579,243,102

And these numbers in numbers:

25

458

9,501

74,234,412

Day 5 Friday 18th March 2016: Problem Solving.

WARM UP:

Write these in 24hour clock.

2.15pm

3.30pm

5.00pm

9.03pm

3.01am

7.52am

Write these in 12hour clock.

14:34

YOUR QUESTIONS (BASED ON THIS YEAR’S PROBLEM SOLVING SAMPLE PAPER):

Stefan’s watch shows five minutes past nine.

The watch is twelve minutes fast.

What is the correct time? (1mark)

Look at this number:

**23,451.96**

Write the digit that is in the hundreds place: (1mark)

Write the digit that is in the hundredths place: (1mark)

Write out the number in words: (1mark)

Divide it by 100: (1mark)

Multiply it by 10: (1mark)

21:02

09:51

08:30

16:30

How many seconds are in a minute?

How many minutes in an hour?

How many hours in a day?

How many seconds in an hour?

How many seconds in a day?

What is 20 minutes more than 1.30pm?

What is 10 minute more than 1.55pm?

WEEKEND:

Although I haven’t set any revision for you, I have set a few challenges for over the weekend – do these if you want to.

1. If you go shopping this weekend can you estimate how much the shopping will cost?
2. Can you mentally add up how much it will cost?
3. Can you work out how much change will be given?

Here is another challenge:

Times table battle:

Get a parent to be quiz master.

You can play against a brother, sister, friend or parent. Get your parent to do a quick-fire times table. Who can answer it first?

Make it interesting with a pack of Smarties! Each time you get a question right then you win a Smartie!

Buzzword!

Play with a partner. Give yourself a topic and think of words to do with that topic. Take turns in saying them, if you repeat, hesitate or can’t think then you lose!

6 sentence challenge:

Can you think of a 6 sentence paragraph? It must be about a chocolate bar and must follow these rules:

1. Sentence 1 must contain alliteration.
2. Sentence 2 must have 3 adjectives.
3. Sentence 3 must have a subordinate clause.
4. Sentence 4 must have a list (you can use commas or semi colons).
5. Sentence 5 must have speech.
6. Sentence 6 must be five words long.

Day 6 Monday 21st March 2016: Punctuation and Grammar

YOUR QUESTIONS (BASED ON THIS YEAR’S PUNCTUATION AND GRAMMAR SAMPLE PAPER):

Which sentence below is written the past tense?

**That is the oldest house in our village.**

**The original part of the house dates from 1760.**

**The roof was replaced in 1970.**

**The owners plan to open the house to the public.** (1mark)

Circle one verb in each underlined pair to complete the sentences using standard English.

We **was/were** planning to hold a cake sale at school.

I **was/were** chosen to design the poster. (1mark)

What is the name of the punctuation mark used between the two main clauses below?

**My sister loves team sports; my brother, on the other hand, prefers individual sports – such as athletics.**

Underline the subordinate clause in this sentence.

**Although football is my favourite, I like all sports.**

**I like all sports, especially football.**

**Football is my favourite, I support Wrexham, but I like all sports.** (1mark)

WARM UP

What tense are these sentences written in?

I am going to go to the shops.

The school was built in 1910.

“I’m doing my revision Mum!”

Turn this sentence from active to passive:

**John rode his bike to the park.**

Re-write this sentence in the correct order, so that it makes sense:

**fish but hate chips like I.**

What are the collective nouns for:

Wolves

Crows

Sheep

What do you think a group of snails could be called?

Day 7 Tuesday 22nd March 2016: Arithmetic

WARM UP

YOUR QUESTIONS (BASED ON THIS YEAR’S ARITHMETIC SAMPLE PAPER):

473-9=

(1mark)

2.5+0.05=

(1mark)

5x4x7=

(1mark)

4/5 – 1/5 =

(1mark)

630 divided by 9 =

(1mark)

1.28x100=

(1mark)

Write your 5 times table division facts.

I’ll start you off:

5 divided by 1=5

10 divided by 5 = 2

15 divided by 5 =

What is 100 divided by 5?

1/5 as a percentage and decimal is?

Can you write two equivalent fractions for:

½

¾

1/3

2.5+0.5=

401-10=

Day 8 Wednesday 23rd March 2016: Problem Solving

WARM UP:

YOUR QUESTIONS (BASED ON THIS YEAR’S PROBLEM SOLVING SAMPLE PAPER):

Write the number of days each month has:

January

February

March

April

May

June

July

August

September

November

December

The chart above shows the amount a school collected. How much did they collect in each month?

How much did they collect in total?

What should the missing month be?

What is the total amount raised?

Which months raised more than £50?

How much money did they raise in February and March altogether?

Write down the missing numbers from these calculations:

5.3\_\_\_\_\_\_=0.53 5.3\_\_\_\_\_\_\_\_=0.053

5.3\_\_\_\_\_\_=53000 x10, x100,x1000 ; divide 10, divide 100, divide 1,000

What month is missing?

How many years in:

1. A decade
2. A century
3. A millennium

Underline the part of the word that gives us a clue to the answer.

Day 9 Thursday 24th March 2016 Punctuation and Grammar

WARM UP:

These words are misspelled, can you spell them correctly?

YOUR QUESTIONS (BASED ON THIS YEAR’S ARITHMETIC SAMPLE PAPER):

Write the contracted form of the underlined words.

That decision does not seem fair: \_\_\_\_\_\_\_\_\_\_\_\_\_ (1mark)

Tick the sentence that must end with a question mark:

**Next week, I’ll ask about joining the library**

**Please ask the librarian if you need any help**

**I asked for a joke book, but there were none**

**This is the nook you asked for, isn’t it**

What does the word **Others** refer to in this passage?

**Some chocolate bars, such as Mars bars, contain caramel. Others, such as Double Deckers, contain nougat.**

**Choose one:**

**chocolate bars**

**caramel**

**Mars bars**

**Double Deckers**

**nougat**

Circle all of the pronouns in the sentence below.

**They bought new jumpers for themselves and a warm scarf for Dad.**

Uinromf – what you wear to school.

Etaleb – what you work on in school.

Yltrorecnic – something that is done wrong.

Name all of the articles:

Give three prepositions:

Write a sentence explaining what a pronoun is:

Day 10 Friday 25th March 2016: Arithmetic

YOUR QUESTIONS (BASED ON THIS YEAR’S PROBLEM SOLVING SAMPLE PAPER):

Polly bakes cakes and sells them in bags.

She uses this formula to work out how much to charge for one bag of cakes:

**Cost = number of cakes x 20p + 15p for the bag**

Can you write a simplified formula? (1mark)

How much will a bag of 12 cakes cost?

Jenny spends £5.15 on a bag of cakes.

Using the formula, calculate how many cakes are in the bag.

Write the two missing digits to make this long multiplication correct.

 4\_

 X \_6

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 246

 820

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 1066

WARM UP

Write out your 6 times tables as quickly as you can.

Then do your 6 times table division facts.

ab= 10. What could a be? What could b be?

What is 4+5x2?

Write a shortcut way of multiplying by 20?

WEEKEND:

Again, there isn’t any revision for you here, but there are some challenges if you want to do them.

1. Write a descriptive paragraph about what you had for dinner. Show off your punctuation. Semi-colons for lists?
2. Write a 99 word story. Get someone to give you a setting. Does it have a beginning and ending?
3. Get the ages of everyone in your family and work out the mean, median, mode and range!



Day 11 Tuesday 12th April 2016: Problem Solving

YOUR QUESTIONS:

1. **Think about the number 34, 567, 800. Say this number in your head.**
2. **Round this number to the nearest million.**
3. **What does the ‘8’ digit represent?**
4. **What does the ‘7’ digit represent?**
5. **Divide this number by 100=**
6. **Divide this number by 1,000=**
7. **Mr McDonald has four numbers.**

**59,996 59,943 60,026 62,312**

**Four pupils have a card, they each give a clue to the number on their card.**

**Anna says, “My number is 60,000 to the nearest 10,000.”**

**Barry says, “My number divided by 1,000 is 59.996”**

**Chris says, “My number is 59,900 to the nearest hundred.”**

**Daisy says, “My number is 60,000 to the nearest ten.”**

**Can you work out who had each card? Explain your answers.**

WARM UP:

How many angles in a quadrilateral?

What do all of the angles in a triangle add up to?

How many degrees in a circle?

How many degrees in a straight line?

How many degrees in a right angle?

What type of angle is smaller than a right angle?

What are the sizes of the angles in an equilateral triangle?

10x10=

100x56=

1,000x642=

10x3.45=

100x5.621=

1,000x7.980=

Day 12 Wednesday 13th April 2016: Punctuation and Grammar.

WARM UP:

List as many adjectives as you can that describe yourself:

YOUR QUESTION:

1. **Complete the sentence with an adjective formed by the verb create.**

The artist was very \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and produced many original works.

1. Circle all of the conjunctions in the sentences below:

**Once Harry had checked the weather forecast, he set off on his walk.**

**Whilst climbing up the mountain, he was unaware of the dangers ahead.**

**He needed to turn back immediately since a storm was coming.**

1. Can you write a sentence using the word **play** as a noun?
2. Can you write a sentence using the word **play** as a verb?

Day 13 Thursday 14th 2016: Arithmetic

WARM UP:

Estimate the following lengths for the following objects:

1. A pencil (fresh out of the pack).
2. The height of your front door.
3. The length of a mobile phone.
4. The height of your parent’s car.

YOUR QUESTIONS:

1. **8.1x100**
2. **\_\_\_\_\_\_\_\_=46.32 + 82.84**
3. **6.42 – 3.81=**
4. **720 x 4=**
5. **40.1 divided by 10.**
6. Your height.
7. The height of someone else in your family.
8. The height of your house.

Day 14 Friday 15th April 2016: Problem Solving

YOUR QUESTIONS:

1. **Eduardo says, “The population of Mexico City is 11million (to the nearest million) and the population of New York is 11.2million (to the nearest hundred thousand).”**

**He says, “The population of New York must be bigger than the population of Mexico City because 11.2million is bigger than 11million.”**

**Do you agree with him?**

1. **Put these numbers in smallest to largest:**
2. 3.3, 3.03, 3.33, 3.303, 3.033
3. -4.4, -4.44, -4.04, -4.404

WARM UP:

Can you write your 9 times table as quickly as you can?

How long did it take?

What about your 24 times tables to 12?

Day 15 Monday 18th April 2016: Punctuation and Grammar

WARM UP:
Write a conversation that a child might have with their parent in the morning.

YOUR QUESTIONS:

1. **Insert a pair of dashes in the correct place in the sentence below.**

Some of the vegetables in the school garden especially the carrots and pumpkins had grown to an enormous size.

1. The word watch can be used as a noun or a verb.
2. Write one sentence using the word watch as a **noun.**
3. Write one sentence using the word watch as a **verb.**

Remember to punctuate the sentences correctly.

WEEKEND!

Here is your weekend challenge:

Design a box, using a net, that would hold a banana. If your net is successful can you think of anymore?

Extension: Design what the packaging for the box may look like.

EASTER REVISION:

I have included a reading paper. It is different to the type of reading paper you will do in this year’s SATs as all of the texts are about the same topic. In your SATs this year, all of the texts will be different. It is still good practice. We have, and will, looked at examples of what you will encounter at school.

Remember:

Highlight anything you need to.

Time management – are you spending too long on an answer?

Are you answering in the style they have asked you to?

Does your answer make sense?

Are you babbling?

Have you checked through your work? You know – checked through properly?

You would have 1 hour to do this, if it takes you longer that is fine but try to work to this time – it is good practice.

Day 16 Tuesday 19th April 2016:

Day 17 Wednesday 20th April 2016:

Day 18 Thursday 21st April 2016:

Day 19 Friday22nd April 2016

WEEKEND!

Day 20 Monday 25th April 2016:

Day 21 Tuesday 26th April 2016

Day 22 Wednesday 27th April 2016:

Day 23 Thursday 28th April 2016:

Day 24 Friday 29th April 2016:

WEEKEND!

WEEKEND!

Day 25 Monday 2nd May 2016:

Day 26 Tuesday 3rd May 2016

Day 27 Wednesday 4th May 2016

Day 28 Thursday 5th May 2016

Day 29 Friday 6th May 2016

WEEKEND!

So on Monday is your SATs. You’ve worked extremely hard and the effort you put in will reflect on how well you do in your SATs.

Remember, although it is important to do well, don’t get yourself in a panic or worry about it – they aren’t a matter of life and death (but pleaaaaaaase do well)!

Some of you will be mathematicians, some of you athletes, some technicians, actors or actresses, mechanics, authors, make-up artists and much more; but unfortunately there aren’t SATs in all of those things – but they are all important!

So be confident – everything on the papers you have learnt and know how to do! It is just a case of you being able to select the correct thing from those large brains of yours!

Relax. Breathe. Do your best.

The night before each paper eat a good dinner (brain food) and have a good night’s sleep (brain rest). Then for breakfast make sure you eat well (more brain food) and make sure that you get to school nice and prompt so that you can have the best possible preparation.

Lastly, can you spend a couple of minutes filling out this evaluation please?

Thank you

Mr McDonald

Children, have you found this helpful? Why/why not?

How are you feeling about the SATs?

Parents, have you found this helpful is knowing what sorts of questions are in the SATs? Do you think it has been a useful revision tool for your children?