

# Mile Oak Primary School

**KS2 SATs meeting.**

**Wednesday 22nd February 2023**



# When are the SATs? **Tuesday 9th May to Friday 12th May 2022.**



## **Monday The King's Coronation.**

### **Tuesday 9th May 2022 –**

**English** Paper 1: Grammar, Punctuation and Spelling **(45minutes)**

**English** Paper 2: Spelling

### **Wednesday 10th May 2022 –**

**English** Reading **(one hour)**

#### **Writing:**

There is no test for writing.

We teacher assess against a set of criteria.

### **Thursday 11th May 2022-**

**Mathematics** Paper 1: Arithmetic **(30 minutes)**

**Mathematics** Paper 2: Reasoning **(40 minutes)**

### **Friday 12th May 2022-**

**Mathematics** Paper 3: Reasoning **(40 minutes)**

# Scaled Scores



Since 2016 children have been given scaled SATs scores.  
This scoring method is widely used for school assessments across the world.

To calculate a child's scaled score, their raw score – in other words, the actual number of marks they achieved – will be converted into a scaled score.

This is used to show whether the child has achieved the national standard for that subject.

English reading		English reading		English reading	
Raw score	Scaled score	Raw score	Scaled score	Raw score	Scaled score
0	No scaled score (N)	17	93	34	106
1		18	94	35	107
2		19	94	36	108
3	80	20	95	37	108
4	80	21	96	38	109
5	81	22	97	39	110
6	83	23	97	40	112
7	84	24	98	41	113
8	85	25	99	42	114
9	86	26	100	43	115
10	87	27	100	44	116
11	88	28	101	45	118
12	89	29	102	46	119
13	90	30	103	47	120
14	91	31	103	48	120
15	91	32	104	49	120
16	92	33	105	50	120

PrimaryTools.co.uk Primary Analysis

### 2018 KS2 Thresholds

#### KS2 National Curriculum Tests Thresholds

	Mathematics	Reading	GPS
Marks to meet Expected Standard (Scaled Score 100+)	61	28	38
Marks to meet Greater Depth* (Scaled Score 110+)	96	40	56
Total Marks Possible	110	50	70

\*This is unofficial but widely used

PrimaryTools.co.uk

### 2019 KS2 Thresholds

#### KS2 National Curriculum Tests Thresholds

	Mathematics	Reading	GPS
Marks to meet Expected Standard (Scaled Score 100+)	58	28	36
Marks to meet Greater Depth* (Scaled Score 110+)	95	41	55
Total Marks Possible	110	50	70

\*This is unofficial but widely used

PrimaryTools.co.uk Primary Analysis

### 2022 KS2 Thresholds and Scaled Scores

#### KS2 National Curriculum Tests Thresholds

	Mathematics	Reading	GPS
Marks to meet Expected Standard (Scaled Score 100+)	58	29	35
Marks to meet Greater Depth/Higher Standard* (Scaled Score 110+)	96	41	55
Total Marks Possible	110	50	70

\*This is unofficial but widely used

## Grammar Punctuation and Spelling

### Paper One:

This test lasts for 45 minutes.

It tests knowledge of punctuation  
Knowledge of technical terms and spellings.

There will be a total of **50 marks** available.

### Paper Two:

Spelling test:

Total of **20 marks** available

**Total of 70 marks** across each paper.

2 Insert a **semi-colon** in the correct place in the sentence below.

Come and see me tomorrow I will not have time to see you today.

6 Circle the correct **verb form** in each underlined pair to complete the sentences below.

The last place I saw Jack and Gwen was / were in the playground.

At the museum, there was / were many interesting exhibits.

The bikes was / were lined up for the start of the race.

1 mark

9 What is the **word class** of the underlined word in the sentence below?

The alarm rang and Jamal immediately jumped out of bed.

Tick **one**.

conjunction

adverb

verb

determiner

16 Complete the sentence with an appropriate **subordinating conjunction**.

Tracey decided to walk \_\_\_\_\_ it was a lovely day.

21 Which sentence is punctuated correctly?

Tick **one**.

Abdul called out, "will you come and help me?"

Abdul called out "Will you come and help me"

Abdul called out, "Will you come and help me"

Abdul called out, "Will you come and help me?"

1 mark

## Spelling task

- Sam is \_\_\_\_\_ to play football at playtime.
- Use a ruler to draw a \_\_\_\_\_ line.
- Being dizzy is a strange \_\_\_\_\_.
- Lauren was \_\_\_\_\_ before her first swimming lesson.
- The bird found a \_\_\_\_\_ of bread.
- It is \_\_\_\_\_ that it will rain tomorrow.
- An \_\_\_\_\_ author visited our school.
- Sap is a sticky \_\_\_\_\_ that comes from trees.
- John is having an \_\_\_\_\_ on his foot.
- Aamid faced his \_\_\_\_\_ challenge on the zip wire.

- The children walked \_\_\_\_\_ across the road.
- The \_\_\_\_\_ of the storm was surprising.
- The dog \_\_\_\_\_ its owner.
- There was a \_\_\_\_\_ search for the missing P.E. bag.
- The longest reigning \_\_\_\_\_ is Queen Elizabeth II.
- Oliver was \_\_\_\_\_ when his friend lost his trainers.
- Angus was \_\_\_\_\_ from Scotland.
- The drum is part of the \_\_\_\_\_ family.
- The prickly jumper was made from a \_\_\_\_\_ material.



Qu.	Spelling	Mark	Content domain reference
1	likely	1	S43 the suffix <i>-ly</i>
2	straight	1	S60 words with 'silent' letters (i.e. letters whose presence cannot be predicted from the pronunciation of the word)
3	sensation	1	S42 the suffix <i>-ation</i>
4	nervous	1	S46 the suffix <i>-ous</i>
5	crumb	1	S60 words with 'silent' letters (i.e. letters whose presence cannot be predicted from the pronunciation of the word)
6	probable	1	S56 words ending in <i>-able</i> and <i>-ible</i> words ending in <i>-ably</i> and <i>-ibly</i>
7	inspiring	1	S38 adding suffixes beginning with vowel letters to words of more than one syllable
8	substance	1	S55 words ending in <i>-ant</i> , <i>-ance</i> , <i>-ancy</i> , <i>-ent</i> , <i>-ence</i> , <i>-ency</i>
9	operation	1	S47 endings that sound like /jən/, spelt <i>-tion</i> , <i>-sion</i> , <i>-ssion</i> , <i>-cian</i>
10	toughest	1	S59 words containing the letter string <i>ough</i>
11	bruise	1	S60 words with 'silent' letters (i.e. letters whose presence cannot be predicted from the pronunciation of the word)
12	sensibly	1	S56 words ending in <i>-able</i> and <i>-ible</i> words ending in <i>-ably</i> and <i>-ibly</i>
13	violence	1	S55 words ending in <i>-ant</i> , <i>-ance</i> , <i>-ancy</i> , <i>-ent</i> , <i>-ence</i> , <i>-ency</i>
14	disobeyed	1	S38 adding suffixes beginning with vowel letters to words of more than one syllable
15	thorough	1	S40 the /r/ sound spelt <i>ou</i>
16	monarch	1	S48 words with the /k/ sound spelt <i>ch</i>
17	sympathetic	1	S39 the /i/ sound spelt <i>y</i> other than at the end of words
18	originally	1	S43 the suffix <i>-ly</i>
19	percussion	1	S47 endings that sound like /jən/, spelt <i>-tion</i> , <i>-sion</i> , <i>-ssion</i> , <i>-cian</i>
20	coarse	1	S61 homophones and near homophones (Years 3 and 4) homophones and other words that are often confused (Years 5 and 6)
<b>Total</b>		<b>20</b>	

## The Reading Test

- For this test there will be one reading book and one answer booklet.
- The test will last for one hour (including reading time).
- There will be a total of 50 marks available.
- There will be a range of texts which may include fiction, non fiction and poetry.

## Types of Questions.

- Multiple choice or other selected responses:
- Short response
- Extended responses:



# Gaby to the Rescue

A Siamese cat crouched on a tree branch, peering down at Gaby with brilliant blue eyes. It cried out. The cat was stuck in the tree in front of her house and, as luck would have it, she had on the nicest cardigan she owned. Gaby pulled the cardigan tighter around her. This was her last good school cardigan until who-knows-when her father would have enough money to buy her a new one. The poor cat cried again. Gaby looked back at her small yellow house. If her mother were here, that cat would already be out of the tree and purring – safe and sound, in her mother’s arms.

Mind made up, Gaby pulled off her cardigan and tossed it onto her porch. ‘You’re out of luck, *gato!*’ she yelled. ‘My mom, master tree climber and cat rescuer, isn’t back yet.’ She rolled up the sleeves of her white shirt. ‘But until she is, you’ve got me.’ Gaby grasped the nearest branch and pulled herself up. ‘Gaby to the rescue.’

The cat meowed.

‘I am hurrying.’

The last time Gaby had climbed the tree was when she and her best friend, Alma, had challenged the boys to a water-balloon fight last summer. Up high was the perfect spot for a full-blown assault on the boys below. Those guys never had a chance.

Gaby secured her feet and hands and climbed higher, until the cat was within arm’s reach. ‘See? You aren’t the only one who can climb.’ But then she looked down. Mistake number one.

She knew the universal rule of tree climbing said don’t ever, ever look down, but she couldn’t help it. This was the highest she’d ever climbed. If she fell, she’d definitely end up looking like an Egyptian mummy. Gaby imagined herself bandaged from head to toe and sipping dinner through a straw.

Well, she’d just have to not fall. Simple as that. ‘Here, kitty, kitty!’ she called out, the same way she had heard her mom call for stray cats hundreds of times. But this was no stray. The cat was too shiny. Too chubby. Around its neck, a rhinestone collar with gold charms sparkled. Someone loved that cat. She reached out toward it. ‘Almost got you.’ Mistake number two.

The cat arched its back and hissed.

Gaby pulled back, startled. ‘Nice teeth.’ She resettled on the branch, considering her options.

When Gaby was younger, she had seen her mom climb the same tree many times to rescue a cat. All the way up, her mom had giggled and sweet-talked the cat in Spanish. ‘*Que bonita eres gatita.* You’re so pretty, little cat.’ Her mom told her that when dealing with cats you should speak softly and pick them up by the loose skin at the back of their neck, because that’s how their mothers carried them. Her mom had always made it look so easy. Once she had the cat nestled against her chest, she would manoeuvre down through the branches, comforting the cat with kisses on the ears and soft words with rolling Spanish *r*’s like purrs.

There were never any arched backs, hisses, or sharp teeth.

Gaby took a deep breath and reached out for the cat again. ‘It’s okay, little kitty,’ she said sweetly. This time the cat latched on to her, digging its claws into her arm and shoulder. ‘Ooh, ouch!’ She couldn’t quite get it by the scruff of the neck like her mom had shown her, but at least she had the animal. That was progress. Now she just had to get down.

Without falling.



1

A Siamese cat **crouched** on a tree branch, peering down at Gaby with brilliant blue eyes.

Which word is closest in meaning to *crouched*?

Tick **one**.

- balanced
- squatted
- trembled
- pounced

Vocabulary

1 mark

6

Gaby secured her feet and hands and climbed higher...

What does *secured her feet and hands* mean?

Vocabulary

9

Look at the paragraph beginning: *Well, she'd just have to not fall...*

*The cat was too shiny. Too chubby.*

What conclusion does Gaby draw from this?

Retrieval

10

Look at page 5.

What are **three** ways the cat shows it does not enjoy Gaby trying to rescue it?

Retrieval

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

2 marks

# Swimming the English Channel

from Dover in England to Calais in France

## The first Channel swimmer

On a foggy August afternoon in 1875, a lone swimmer dived from Admiralty Pier in Dover into the cold waters of the English Channel. Nearly twenty-two hours later, the exhausted man staggered onto French soil at Calais and became an instant hero. Captain Matthew Webb had become the first person to swim across the English Channel.



Captain Matthew Webb

Twenty-seven-year-old Webb was a merchant seaman from Shropshire. He had always been a powerful swimmer and, hearing of J.B. Thompson's failed attempt to swim the Channel in 1872, he was inspired to give up his job and train as a long-distance swimmer. Webb's first attempt had to be abandoned due to bad weather, but he returned to the icy Channel waters two weeks later.

Many of the hardships that Matthew Webb had to deal with during his pioneering swim are still faced by modern-day Channel swimmers. In fact, some of his methods for dealing with these hardships are still used today. Webb coated himself in oil for protection against the cold and jellyfish stings. He was also accompanied by boats so his friends could protect and feed him. It must be said, however, that the ale, brandy and beef tea they supplied are not standard for today's cross-Channel swimmers!



## Frequently asked questions

**Q: How cold is the water?**

**A:** The water temperature can range from 12°C to 18°C. Most people would consider water below 20°C too cold for swimming.

**Q: How far is it from England to France?**

**A:** The direct distance from Dover to Cape Gris Nez near Calais is approximately 21 miles, but a swimmer always swims further than that due to the movement of tides.

**Q: How long does it take to swim across the Channel?**

**A:** How fast do you swim? The faster you are, the more direct your swim will be. A slower swimmer will not only take longer but will have to swim further because of the tides and currents. Swimmers also have to plan stops for feeding. The fastest recorded crossing is 7 hours; the slowest is nearly 29 hours. An average swimmer doing two miles per hour would be in the water for up to 16 hours, but a stronger swimmer may take only 10 hours.

**Q: Will you succeed if you train hard?**

**A:** Preparation for a Channel swim involves months of training in very cold ocean water. But even this does not guarantee success. Fewer people have swum the English Channel than have climbed Mount Everest, the world's highest mountain! Some hazards of the swim include hypothermia (dangerous loss of body heat), seasickness and jellyfish. Unforeseen obstacles like rubbish floating in the sea can also cause problems no matter how hard you train.

**Q: Why do people swim the English Channel?**

**A:** That isn't a question with a single answer! The motivations for such a venture are as varied as the swimmers. Some people do it for glory, some to raise money for charity, but most do it to challenge themselves and for the satisfaction of being one of a select few to achieve this feat.

## Safe to swim?

The French and UK coastguards are responsible for search and rescue operations in the English Channel. The French authorities outlawed swimming from France to England in 1993 for safety reasons. Then in 2010 the deputy director of the French coastguard, Jean-Christophe Burvingt, said he was in favour of a complete ban on swimming in either direction. He pointed out that the swim uses the same stretch of water as 500 vessels each day. Critics compare the swim to crossing a motorway on foot; supporters say the swim is well regulated and comparatively safe.

## Celebrity swimmer

The author, comedian and actor, David Walliams, says that he was never sporty at school but he did enjoy swimming.



While preparing for his Channel swim, Walliams didn't miss a single training session in nine months. He knew that more than 90 per cent of people who attempt the swim fail. Walliams took 10 hours and 34 minutes to cross the Channel. His swim raised more than £1 million in donations for the charity Sport Relief.

17 Look at the paragraph beginning: *Twenty-seven-year-old Webb...*

Find and copy one word from this paragraph that is closest in meaning to 'motivated'.

## Vocabulary

\_\_\_\_\_

26 David Walliams was determined to be successful in his attempt to swim the English Channel.

Give one piece of evidence from the text which shows this.

## Inference

\_\_\_\_\_  
\_\_\_\_\_

18

Using information from the text, put a tick in the correct box to show whether each statement is **true** or **false**.

## Retrieval

	True	False
Matthew Webb's first attempt to swim the English Channel was not successful.		
The first successful swim of the English Channel was in 1872.		
J.B. Thompson and Matthew Webb swam the English Channel in 1875.		
Matthew Webb took twenty hours to swim the English Channel.		

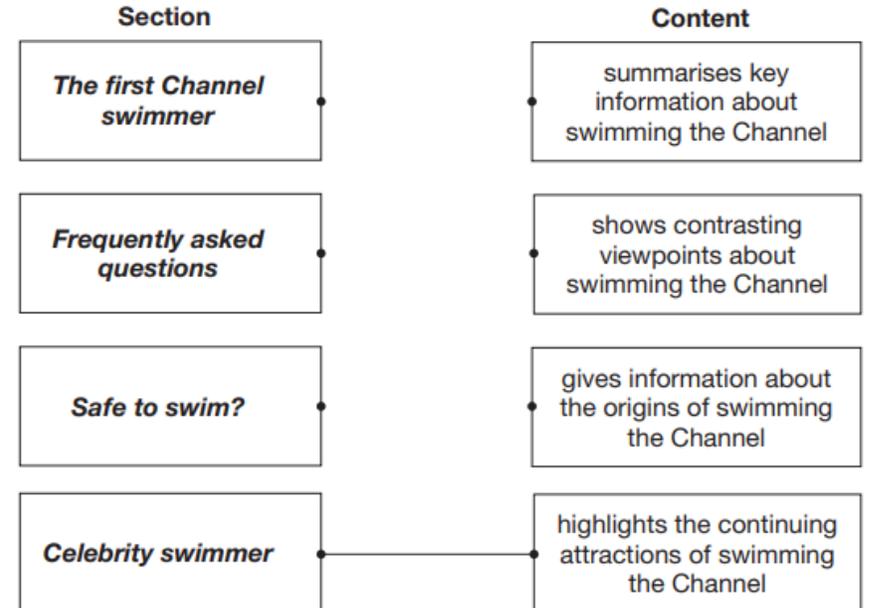
2 marks

28

Draw lines to match each section to its main content.

One has been done for you.

## Explain



Michael is a young fisherman. He often takes out his boat, the 'Louisa May', for a day of fishing.

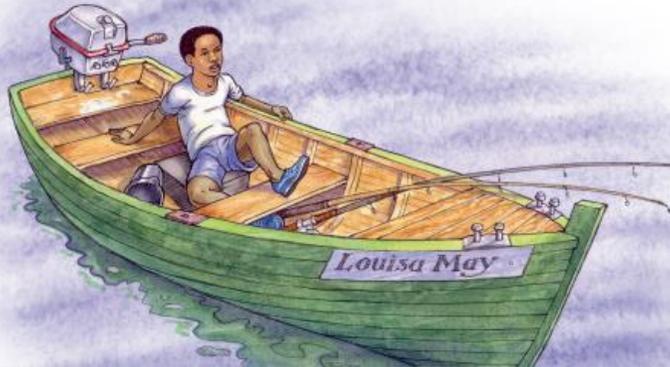
## An Encounter at Sea

It was hot. Really hot. There wasn't the slightest breeze to cool the skin or make even a baby-finger crease on the surface of the sea. The *Louisa May* floated like a toy sitting on a glass table.

For the first time in over a week, Michael hadn't seen a dolphin all day. He was two miles offshore now, motoring along his daily survey course. The *Louisa May* pulled the reflection of the sky and the island into pleats behind her, and the *putt-putt* of her engine was lost in the big, quiet stillness of the afternoon.

Michael shut off the outboard motor and stopped. He leaned over the side to scoop up a bucket of seawater to cool himself, and looked down. Long fingers of sunlight slanted into the clear water, shifting slightly in arcs of radiating lines, and were swallowed up at last into the perfect blueness of the depths.

He poured the water over himself, savouring the delicious coolness.



*Ppfffffwrrraa!* The sound came from close behind him, and made him spin round so fast he lost his balance and fell into the bottom of the boat.

*Ppfffff* – shorter and louder, even closer.

Michael picked himself up and looked over the side.

A black shape, much, much bigger than the biggest dolphin, showed about five metres from the boat. It was like a polished rock. On its rounded side was a slit like a flattened S, bigger than a man's two clenched fists, with a raised lip around it. As Michael watched, astonished, not understanding what he was seeing, the lips pinched together, the hole closed, and the black shape sank rapidly beneath the sluicing water.

A whale! Its dark head and blowhole! That's what he had seen.

*Ppfffffwrrraa!*

Now it had surfaced on the other side of the boat. This second surfacing was hardly less shocking than the first, although Michael just managed to stay on his feet and cross the boat this time.

Carefully, Michael leaned over to look: on one side of the boat lay the whale's tapering tail; on the other side, the head with its scarred lines lay like a piece of huge, dark wreckage. This close, Michael could see that big sections of skin had peeled off in straight lines, giving the whale's head a patchwork look in greys and blacks. Closest of all to the boat, only just submerged, was the whale's eye. Michael looked right into it, and the whale looked back. It was so very, very close. He leaned out further and further, stretching his hand slowly towards it. The whale didn't draw away.

He reached down, until his fingertips touched the crease of skin that gave the whale a kind of eyebrow. It was cool and smooth, like a carved stone covered in a finely stretched coat of rubber.

And as his fingertips touched the whale, he looked into its eye. It was impossible to say what colour it was: dark but with rays of brightness. It was like a window into a whole galaxy, with stars and planets, comets and supernovae moving inside.

Effortlessly, as if movement and thought were the same thing, the whale submerged out of reach of Michael's hand. There was a last shushing sigh as the flipper caressed the boat one more time, and then they were separate again.

The setting sun made a path over the sea, bathing Michael in golden light. He felt as if he were lit up inside too. He had touched a whale and looked into its eye! Like a sleeper waking from a dream, he looked around, dazed.

29

*...like a toy sitting on a glass table.*

What does this description suggest about the boat?

Inference

Look at page 8.

**Find** and **copy two different** words that show Michael enjoyed the feeling of the cool water.

1. \_\_\_\_\_

2. \_\_\_\_\_

**Inference**

1 mark

33

Look at page 9.

How is the whale made to seem mysterious?

Explain **two** ways, giving evidence from the text to support your answer.

Inference

3 marks

# Maths Papers:

- **Arithmetic Test**

- There will be 36 questions in the arithmetic test and there will be 40 marks available most of which will be worth one mark.
- The test will last 30 minutes.

## Mathematical Reasoning Papers

- There will be two mathematical reasoning papers.
- Each paper will be of 40 minutes duration with a total of 35 marks per paper available.

# Arithmetic Test



2

$707 + 1,818 =$

6

$2.7 + 3.014 =$

14

$50 + (36 \div 6) =$

8

$8 \times 33 =$

24

$$\begin{array}{r} 418 \\ \times 46 \\ \hline \end{array}$$

Show  
your  
method

27

$\frac{4}{5} \div 4 =$

29

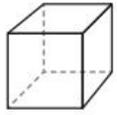
$45\% \text{ of } 460 =$



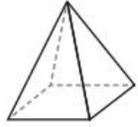
12

Here are diagrams of some 3-D shapes.

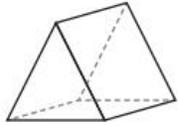
Tick each shape that has the same number of faces as vertices.



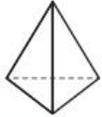
Cube



Square-based pyramid



Triangular prism



Triangular-based pyramid

2 marks

20

Adam says,

0.25 is **smaller** than  $\frac{2}{5}$ 

Explain why he is correct.

1 mark

19

Amina posts three large letters.

The postage costs the same for each letter.

She pays with a £20 note.

Her change is £14.96

What is the cost of posting **one** letter?Show  
your  
method

2 marks

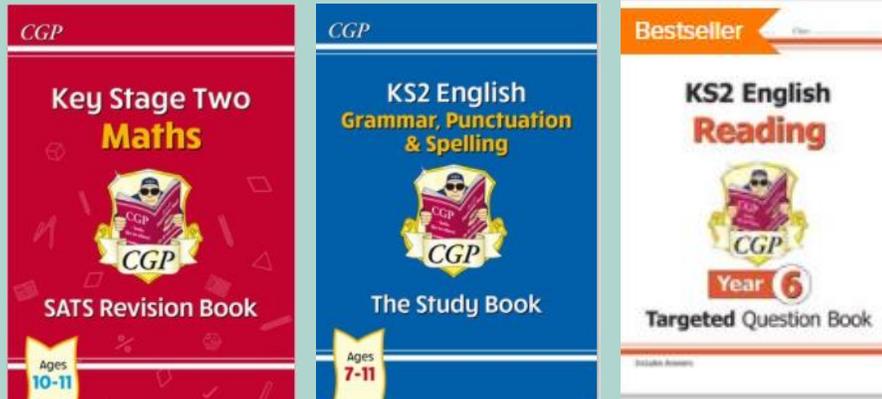


## Supporting Children to Access the Papers.

- Some children may qualify for extra time
- Some children may have a scribe or a transcribe
- Some children will be entitled to a reader for the Maths papers and the Grammar, Spelling and Punctuation paper.

# How To Support Your Child.

- Encourage your child to revise regularly. Little and often has been proven to be more effective. Each child has been given a set of revision guides.



- Support your child with their homework each week.
- When SATs papers are sent home, work through the paper with them.
- Explain that testing is important but to keep it in perspective.
- Encourage children to be confident about their ability.
- Make sure they have good quality sleep each night.
- Make sure they eat a healthy 'brain' food.
- The children still need time daily: to relax, exercise and play!

Any Questions?