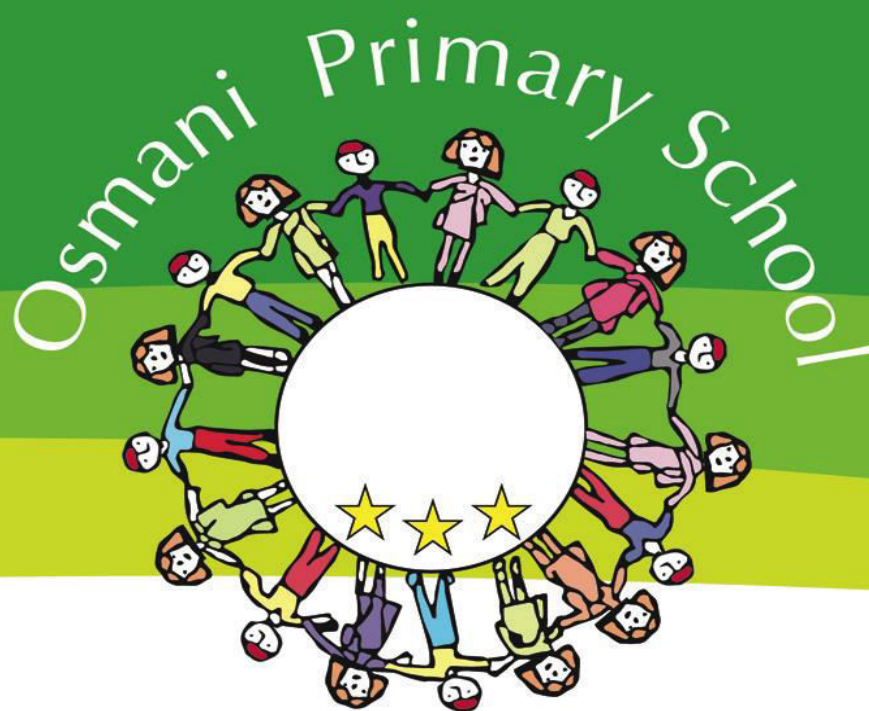


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Reach For The Stars

Art and Design



Visit the Whitechapel Gallery, it's on your doorstep.

Open:

Mondays:	Closed
Tuesday	11 am–6 pm
Wednesday	11 am–6 pm
Thursday	11 am–9 pm
Friday	11 am–6 pm
Saturday	11 am–6 pm
Sunday	11 am–6 pm

Why not do some drawing this summer?

- **Draw something that scares you!**
- **Draw something you eat today!**
- **Draw something big on a tiny piece of paper!**
- **Draw your reflection in the back of a spoon!**
- **Empty your pockets or bag and draw everything inside!**
- **Draw your favourite song.**
- **Draw yourself 30 years from now.**

Year 5 Topic: Victorian London

**Visit the Museum of the Home– E2 8EA –Homes and Gardens
Visit the British Museum (Great Russell Street WC1B 3DG)
Or The Science Museum**

Please check websites for updated information and to pre book tickets for visits!

**Summer Homework
Year 4 to Year 5**



Activity ideas: Write your own 10 commandments.

My Ten Commandments

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Hands-on Humanities

London is full of some of the best museums in the world – they can take us to far-flung places, transport us back through history and expose us to mind-blowing ideas. Many are FREE to visit and some have excellent workshops for children!

Challenge: can you visit a **different museum each week**?

Some museum suggestions and their nearest tube stations:

- Tower of London- Tower Hill (ONLY £1 for Tower Hamlets residents but you must take proof of name and address AND your Idea Store card OR Tower Hamlets Leisure Services card)
- Museum of London - Moorgate
- Victoria & Albert Museum – South Kensington
- Museum of Childhood – Bethnal Green
- Geffrye Museum – Hoxton
- Museum of London Docklands – West India Quay (DLR)
- British Museum – Russell Square
- National Maritime Museum – Greenwich (Main line) or Cutty Sark (DLR)



Local walks

Be a London Explorer! Try getting out and about by going for walks in your local area – you'll be amazed what you could discover! While you're out, see if you can complete these challenges:

- sketch some of your favourite buildings
- make a list of what there is to do in the park for local people
- how many different fruits can you find in the market? Where are they from in the world?
- can you find any buildings with blue plaques (circle tiles) on the walls? What do they say? Normally they are about famous people...
- walk down a main street and make a list of all the different types of shops

Year group challenge: Year 5

Have you ever heard of the Vikings? In Year 5, you will be learning about them! Can you find out who these people were and where they came from? What fun facts can you discover about these people? Have a look on the BBC website:

<http://www.bbc.co.uk/schools/primaryhistory/vikings/> to find out more...

YEAR 4 TO YEAR 5: SUMMER MATHS CHALLENGES!

1 COMPASS & COORDINATES EXPLORER



Find your grid reference (e.g., A5) and the 8-point compass directions!

3 BRIDGE BUILDING CHALLENGE

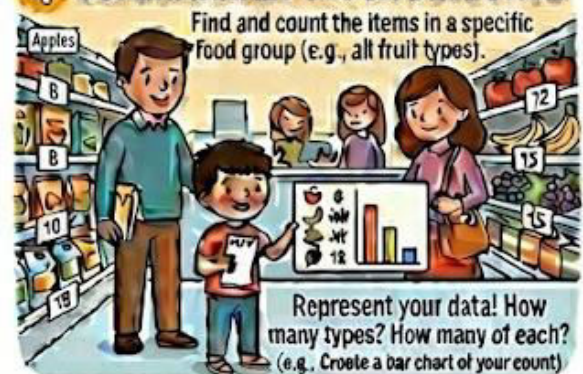
Plan and build your unique model. Use your imagination to choose the best materials (e.g., paper rolls, craft sticks, building blocks).



(e.g., Use parallel and perpendicular lines).

4 SUPERMARKET STOCK DETECTIVE

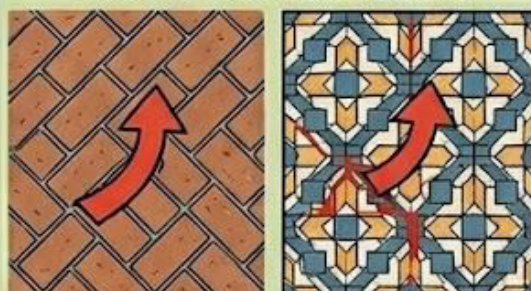
Find and count the items in a specific Food group (e.g., all fruit types).



Represent your data! How many types? How many of each? (e.g., Create a bar chart of your count)

STREET PATTERN DETECTIVE!

Find repeated patterns found on paving, and brickwork. Draw the repeating unit!



TALLY-A-TRAFFIC!



Which type of car did you see most of on your walk? Use a tally chart to find out!



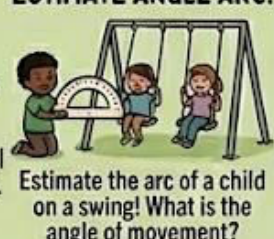
PARK MATHS ADVENTURE!

MEASURE A PATH!



Estimate and measure the distance between two park benches! Use a measuring wheel or step counts.

ESTIMATE ANGLE ARC!



Estimate the arc of a child on a swing! What is the angle of movement?

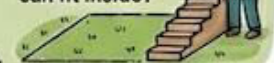
TALLY BUG POPULATIONS!



Find different insects! Make a tally chart to compare counts.

CALCULATE THE AREA!

Mark out a 10 square metre area on the grass. How many of you can fit inside?



LEVEL UP FOR YEAR 5!

KEY YEAR 5 OBJECTIVES:

- Multi-step problems with all four operations
- Reading and writing numbers up to 1 million
- Comparing fractions, decimals, and percentages
- Reading 24-hour clocks & Roman numerals to M

AN AMAZING SUMMER OF MATHS!

Maths Fun!

Rules For Playing KenKen®

The numbers you use in a KenKen puzzle depend on the size of the grid you choose. In a 4 x 4 grid, use numbers 1 to 4.

The numbers in each heavily outlined set of squares, called cages, must combine (in any order) to produce the target number in the top corner using the mathematical operations indicated (+, -, ×, ÷).

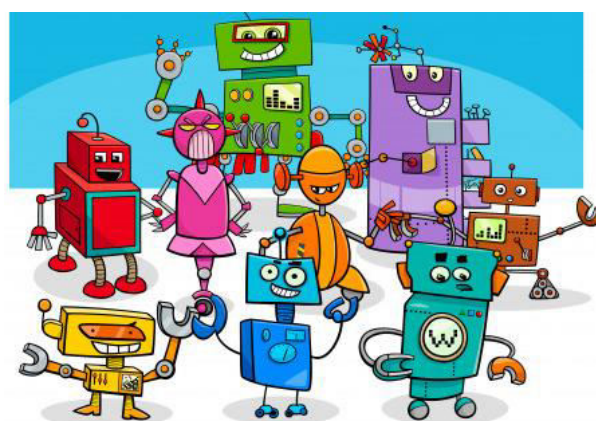
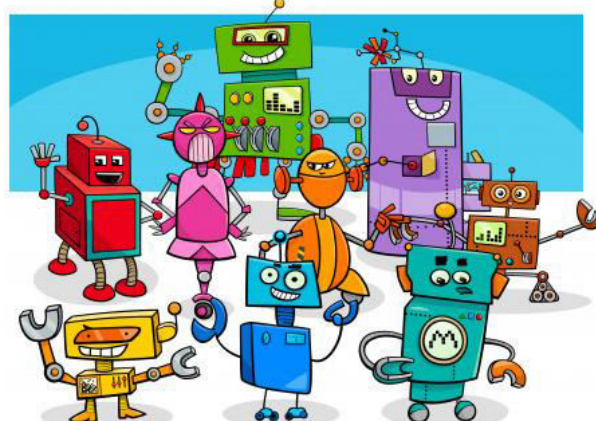
Here's how you play:

1. Use each number only once per row, once per column.
2. Cages with just one square should be filled in with the target number in the top corner.
3. A number can be repeated within a cage as long as it is not in the same row or column.

4+	2÷		1-
1	2	4	3
3	12×	2	4
2÷	2	4	3
	2-	3	1
4	3	1	2

7+			
	48×		
1-			
		3	

Spot the difference



$$\begin{array}{ccc}
 \boxed{} + \boxed{} & = & 16 \\
 + & + & \\
 \boxed{} - \boxed{} & = & 12 \\
 \parallel & \parallel & \\
 26 & 16 &
 \end{array}$$

Year 5

Science in the Summer

How does a plane fly? How do you make snow? Why do fish have scales? These are tough questions but all you need to answer them is natural curiosity and a love of science!

Here are some tips to help guide you in sparking your interest in science:

- Visit the Science and Natural History Museums and see wonderful galleries and exhibitions. I especially like the WonderLab (at the Science museum) as it's got some fantastic activities for you to investigate. Please check opening times before your visit and please note that you will have to buy a day pass for this interactive gallery.
- Entry to the Science Museum is **free**, **however pre-booking is required. So you must book a free Museum Admission ticket in order to enter the museum.** [Science Museum](#)
- Entry to the Natural History museum is also free but you **must pre-book your free ticket** in advance. Please ensure that you check the websites for up to date information. [Natural History Museum](#)



Why not visit the Idea store and read up on your favourite Science topics such as: The Animal Kingdom, Habitats, Our Solar System, the World's deadliest snakes! You can also find some amazing books on investigations, but please remember **to be careful** and always get an adult to help and supervise you, for any tricky bits.

Have you played the fabulous science games on the BBC Bitesize science website? [KS2 Science - BBC Bitesize](#)

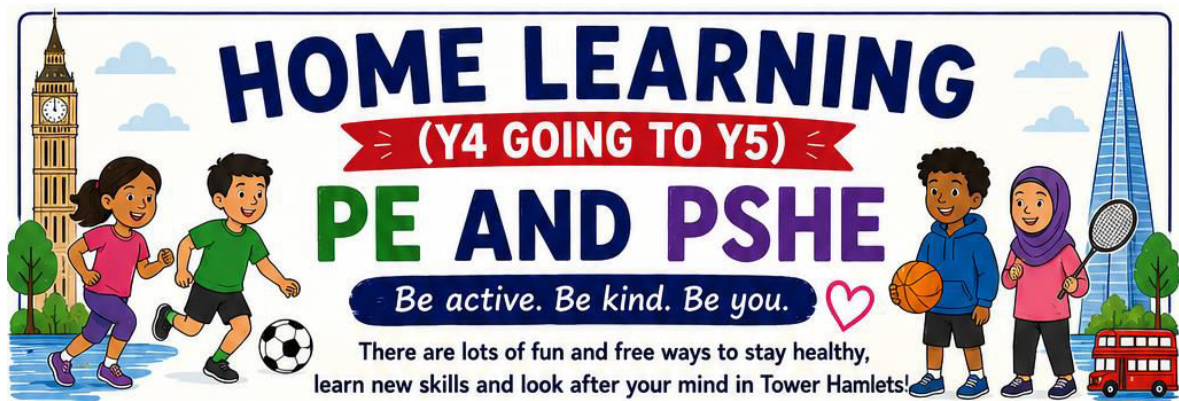
It's got loads of fun games, quizzes and activities for you to try out!

Science challenge

- Research different types of materials, their properties and uses.
- Collect different materials. Conduct a flexibility test: gently bend the materials. How easily does it bend?
- Transparency test: How easily can you see through the different materials?
- Density test: Weigh each object and write down the weight in grams.
- Learners share your experiences of testing with family members.



Summer Homework
Year 4 to Year 5



GET ACTIVE – LEARN & PLAY!

Try these fun activities:

- ★ Learn a new sport
- ★ Play football or rounders
- ★ Go for a bike ride
- ★ Play tag or dodgeball
- ★ Try a dance workout



FREE SESSIONS & CLUBS IN TOWER HAMLETS

Tower Hamlets Youth Sport
Free sports, games and holiday activities.
towerhamlets.gov.uk/youth-sport

Mile End Park Leisure Centre
Free junior multi-sport sessions all year.
mileendpark.com/activities

Poplar HARCA – Active Communities
Free sports and activity sessions across Poplar and Bow.
poplarharca.co.uk/active-communities



LOOK AFTER YOUR MIND

Try these activities:

- ♥ Talk and listen to each other
- ♥ Draw or write about how you feel
- 🎵 Dance or listen to music together
- 🧩 Play a game or do a puzzle together
- ☁️ Take 5 deep breaths and relax



COOK, EAT, GROW!

Try these activities:

- 🍎 Help cook a healthy meal or snack
- 🍎 Eat lots of colourful fruits and vegetables
- 🍎 Grow herbs or vegetables in a pot or at home



Cooking together helps you learn new skills and brings people closer!



STAY CLEAN, STAY HEALTHY!

Try these activities:

- 💧 Wash your hands with soap for 20 seconds
- 💧 Cover your coughs and sneezes
- 💧 Drink plenty of water
- 💧 Keep your space clean and tidy



TEAMWORK & LIFE SKILLS!

Try these activities:

- ★ Help with chores at home
- ★ Work together on a project or challenge
- ★ Be kind and support your friends
- ★ Share ideas and turns



GET OUTDOORS – EXPLORE TOWER HAMLETS!

Try these activities:

- ♥ Visit a park and have a picnic
- ♥ Play in the park with friends
- ♥ Go on a nature walk and spot different plants and animals



REMEMBER...



Drink plenty of water



Get enough sleep



Look after your body and mind



Be kind, be respectful, be you!



Talk to a trusted adult if you need help or support



BE ACTIVE. BE STRONG. BE PROUD. BE TOWER HAMLETS!



For more information on activities and services for young people in Tower Hamlets:
towerhamlets.gov.uk | youngtowerhamlets.org.uk

FREE FOR YOUNG PEOPLE!



Year 4 (Going into Year 5)

Literacy learning in the summer



Are you looking forward to the summer holidays? We are too! It's a wonderful time to have lots of fun and learn in different ways. Here are some tips and ideas for how to keep your learning going over the summer while you're away from school.

1. Go to the Idea Store!

There are lots of events taking place that you can get involved in, including the summer reading challenge. Find out more at www.ideastore.co.uk/whats-on

2. Book Review

Write Book Reviews for the books you read to share with your teacher in September.

Remember to include:

The author and illustrator.

Is the book fiction or non-fiction?

What is the book about?

Who would enjoy this book?

Did you enjoy the book? Tell me why or why not?

Draw a picture of the front cover.

3. **Write a recount**

Write a recount of a visit that you have been on during the holiday. Choose one of the activities above then write down what happened.

Include the following information in your recount:

1. Give your recount a title.
2. All the Ws – What did you do? Where did you go? When did you go? Who did you go with? Why did you go?
3. Describe your journey to the place. (Before we...)
4. Describe what you did while you were at the place. (First, Then, Next, After that – only interesting.)
5. Describe your favourite part of the visit. (Best bit.)

Also remember to:

- Check that you have used the Super 6.
- Use adjectives and adverbs to describe what you saw and what happened.
- Use adverbs of time (first, next, after etc.) to link your ideas together and show the order those things happened in.
- Write in the past tense.
- Write in the first person.

4. **Write a story**

Escape into the world of your imagination and write a story that your friends can read when you return to school. Remember to include: Who? Where? Where next? Why? What goes wrong? Who helps? Where last?

Don't forget to use 'show not tell' to describe the feelings of your characters.

My Summer Diary

Date

[illegible]

★ YEAR 5 READING LIST ★

Books to Enjoy and Improve Writing

The books on this list are exciting, engaging and perfect for Year 5 readers. They will also help develop vocabulary, inspire great writing and build confidence.

Reading today, writing tomorrow!

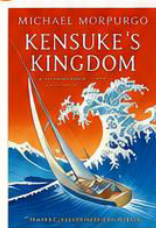
15 RECOMMENDED BOOKS

1 The Explorer



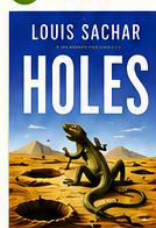
Katherine Rundell
Rich vocabulary, descriptive settings and exciting adventure writing.

2 Kensuke's Kingdom



Michael Morpurgo
Excellent model for descriptive and emotional writing.

3 Holes



Louis Sachar
Strong narrative structure, dialogue and mystery.

4 Wolf Brother



Michelle Paver
Superb vocabulary and atmospheric description.

5 The Last Wild



Piers Torday
Adventure story with strong character development and action writing.

6 Skellig



David Almond
Powerful imagery and thoughtful language choices.

7 The Boy at the Back of the Class



Onjali Q. Rauf
Excellent character voice and dialogue.

8 A Series of Unfortunate Events: The Bad Beginning



Lemony Snicket
Introduces ambitious vocabulary in an engaging way.

9 The Highland Falcon Thief



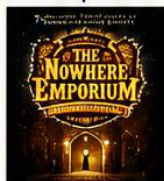
M. G. Leonard & Sam Sedgman
Fast-paced mystery with strong sentence variety.

10 The Hobbit



J. R. R. Tolkien
Rich vocabulary, detailed description and classic storytelling.

11 The Nowhere Emporium



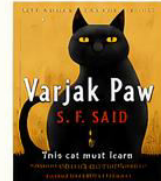
Ross MacKenzie
A magical adventure full of mystery and imagination.

12 Cogheart



Peter Bunzl
Inventive story with beautiful language and detail.

13 Varjak Paw



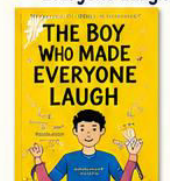
S. F. Said
Stylish writing and exciting adventure.

14 The Legend of Podkin One-Ear



Kieran Larwood
Epic adventure with wonderful world-building.

15 The Boy Who Made Everyone Laugh



Helen Rutter
Warm, funny story with great character and heart.

A MESSAGE FOR PARENTS

Reading regularly is one of the most effective ways to improve children's writing.

Through reading, children encounter new vocabulary, learn how authors structure sentences, develop their understanding of punctuation and gain ideas for their own writing.

Even 15–20 minutes of reading each day can make a significant difference to progress in Year 5.

My top five recommendations from this list are: *The Explorer*, *Kensuke's Kingdom*, *Holes*, *Wolf Brother* and *The Highland Falcon Thief*. These tend to be especially successful and provide excellent models for improving writing.

WHY READING MATTERS



Builds vocabulary



Inspires great writing



Sparks imagination



Improves understanding



Builds confidence

TIPS TO ENCOURAGE READING

- ★ Let children choose books they enjoy.
- ★ Visit the library or bookshop together.
- ★ Talk about the books – ask questions and share favourite parts.
- ★ Make reading part of everyday life.



★ GREAT READERS BECOME GREAT WRITERS! ★

Summer Homework
Year 4 to Year 5