

Welcome

Great Oaks

Mrs Hughes & Mrs Birley

Mrs Grogan & Mrs McLachlan
Ms Shaw, Miss Saunders





Autumn 1

Number - Place Value

Numbers to 10 million

Rounding to 10, 100, 1000, 10 000, 100 000 and 1 000 000

Compare and order numbers to 1 000 000

Negative numbers

Number - The four operations

Adding whole numbers and decimals with more than 4 digits

Subtracting whole numbers and decimals with more than 4 digits

Multi step addition and subtraction problems

Multiplying a 3-digit number by 2 digit number

Using short and long division

Common factors and multiples

Prime numbers up to 100

Square and cube numbers

Order of operations

Mental calculations of multiplying and dividing

Fractions

Improper fractions to mixed numbers

Simplifying fractions

Comparing and ordering fractions with different denominators

Adding and subtracting with different denominators

Multiplying fractions by integers and fractions

Dividing fractions by integers

Fractions of an amount

Converting Units

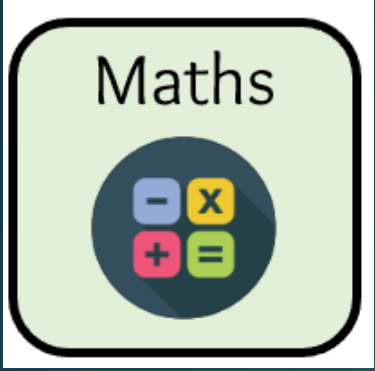
Metric measurements and calculations with them.

Converting metric measurements

Miles and Kilometres

Imperial measurements.

Autumn 2

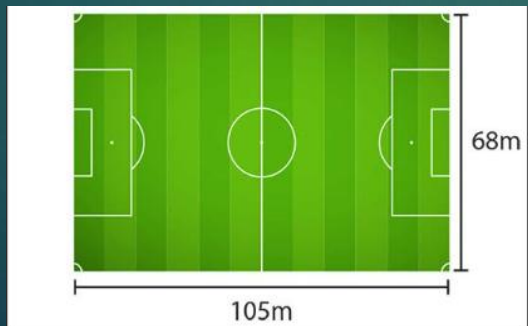


How to support

Arithmetic

- TTRS, homework

Every day examples, maths in action





Some of the text's we will be looking at this year

- Varmints
- Street Child
- Kensuke's Kingdom
- The Lost Words
- Greta Thunberg Speeches

English



Reading

14 Ways READING IMPROVES Your Mind and Body

Strengthens the Brain

1



Reading brings existing neural pathways in the brain to life.

2



Reading complex poetry in particular helps the brain remain elastic and active.

3



Frequent brain exercises, like reading, decreases mental decline for the elderly by 32%.

4



When you read a book you have to remember a lot of things, including the different characters, and also the main plot and any subplots throughout the story.

All of these points throughout the story are a new memory in your brain, which means new synapses being created and existing ones being strengthened. Therefore, your brain's short-term memory and recall capabilities improve.



Study

Participants read thirty pages of a book the night before and then had an MRI of their brains the next morning. Results showed there was a heightened connectivity in the left temporal cortex. This is the area of the brain that's associated with language and intelligence.

The result

Even though the participants weren't reading the novel in the MRI machine, their brains were still retaining a heightened connectivity as if they were. This means **the brain is like a muscle**, and by exercising this muscle, people can improve their brain power.

5

A study showed that depressed patients in the mental health ward showed **positive improvement** when they were read stories aloud. They reported feeling better and more positive about things.

6

In the case of depression, **self-help books** are the best type because people with severe depression benefit greater from a low-intensity intervention. Self-help books fit into this category, so not only does reading them help patients with depression, but the topic also adds a benefit.



Researchers have demonstrated that reading can **reduce stress** by around 68%.

8

Elderly patients who regularly played mentally challenging games or read books were **two and a half times less likely** to develop Alzheimer's.

9

Creating a **bedtime ritual**, like reading before bed, signals to your body that it's time to wind down and go to sleep. However, this only applies to real books as screens like e-readers and tablets can actually keep you awake longer and hurt your sleep.

Children's Brains

10



Children who read are better able to grasp abstract concepts, apply logic in various scenarios, recognize cause and effect, and utilize good judgment.

11



Numerous studies have shown that students who are exposed to reading before preschool are more likely to do well in all facets of formal education.

12



A children's book exposes your child to **50% more words** than watching a television show.

Reading Helps in Real Life

13

Researchers have discovered that those who read about characters doing something are more likely actually to do that activity in real life. This means that you're more motivated to ask your employer for a raise, or complete that bucket list you've meant to get to.



14

Identifying with characters in a book also helps you experience the type of real-life relationship you would experience with a real person, which means you identify with people who are shy if you read about a shy character.

References

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T H E
EXPERT
EDITOR

Reading

www.thereaderteacher.com/year6

The screenshot displays the 'The Reader Teacher' website interface. The top navigation bar includes links for Home, About, Brand New Booklists, Books, Books, Reviews & Recommendations, Bookbox, Recommendations, Year Groups & Key Stage Book Lists, and a contact email. Below this, a secondary navigation bar features 'Where next?' and 'Year 5' (with a left arrow) and 'Year Groups'. The main content area has a purple background and is titled 'Top 100 Recommended Reads for Year 6'. It includes the text '100 must-read books for your Year 6 class. Find the best 100 books for Year 6 to stock up your classroom library.' Below this are two buttons: 'Click here to purchase the pack' and 'Click here to order these books independently from Bookings'. Further down are several buttons for specific book lists: 'Get the Year 6 Stage 2 Book List', 'See US22 Recommended Booklists', 'See US22 Recommended Fiction List', 'See US22 Recommended Non-Fiction List', 'See US22 Recommended Poetry List', 'See US22 Recommended Drama List', 'See US22 Recommended History List', and 'See US22 Recommended Science List'. At the bottom, a row of book covers is displayed: 'After the War' by Tom Palmer, 'Amulet' by Kazuo Ishiguro, 'The Arrival' by Shaun Tan, 'Artemis Fowl' by Eoin Colfer, and 'Black and British' by David Olusoga.

The Reader Teacher

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Where next? Year 5 Year Groups

Top 100 Recommended Reads for Year 6

100 must-read books for your Year 6 class.
Find the best 100 books for Year 6 to stock up your classroom library.

[Click here to purchase the pack](#)
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[Get the Year 6 Stage 2 Book List](#)

[See US22 Recommended Booklists](#)

[See US22 Recommended Fiction List](#)

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[See US22 Recommended Poetry List](#)

[See US22 Recommended Drama List](#)

[See US22 Recommended History List](#)

[See US22 Recommended Science List](#)

[Click on each book cover to find more information or order as shown.](#)

AFTER THE WAR
FROM AUSCHWITZ TO AMBLESIDE
TOM PALMER

AMULET
KAZUO ISHIGURO

The **ARRIVAL**

ARTEMIS FOWL
CRIMINALLY GOOD

Black AND British
DAVID OLUSOGA
An illustrated history

Homework and Spellings

There will be a spelling quiz on a Friday on spellings given for homework that week.

Reading record books are checked once a week and children who read 3+ times per week are entered into a readers raffle.

RE

- ▶ Our first two units focus on Christianity. This half term we will be looking at Christian saints.
 - ▶ What makes someone a saint?
 - ▶ How did they become one?
 - ▶ How do they influence people today?
 - ▶ Are they relevant and why?
- ▶ In our 2nd unit, we will look more closely at the Christian celebration of Christmas.
 - ▶ Why do Christians celebrate,?
 - ▶ How do people's celebrations relate to the Bible story of Jesus' birth?
 - ▶ Can you celebrate Christmas if you are not a Christian?



This term we are considering the light and colour in Monet's paintings and how his new style gave rise to the term 'Impressionism'. We will be learning about the life and work of this artist and create our own artworks.



After half term, we will turn to textiles in our topic 'Funky Fashions', upcycling old clothes to make a cushion.



- Electricity
- Light
- Microorganisms
- Circulatory System
- Classification
- Evolution and Inheritance

French



Our first unit is called Les Habitats. By the end of this unit pupils will have the knowledge and skills to present both orally and in written form about various plants and animals that live in five very different habitats in French.

Our 2nd unit is called Au salon de the. By the end of this unit pupils will have the knowledge and skills necessary to perform a short role-play in a French tea room. They will say and write what they are ordering to eat and/or drink using a wider range of vocabulary alongside very useful transactional language.

The Victorians

What were the major changes during the Victorian period?

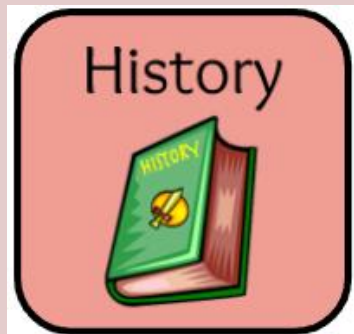
Was life as bad for Victorian children as we have been led to believe?

What the Dickens was life really like in Victorian cities?

Why was there resistance to new technological developments in the Victorian period?

If it was so terrible, why did some Victorians think the workhouse was a good idea?

How has the British Empire had a long-lasting effect on people around the world?



The Shang dynasty

How different was the Shang civilisation to other civilisations at the time?

What can we tell about the Shang dynasty from objects that have survived?

Why has our understanding of the Shang dynasty changed so much in the last 100 years?

How did the beliefs of the Shang people compare to those of Ancient Egypt and the Mayans?

If the Shang dynasty was so well organised, why did it come to an end after 600 years?

Transport over time

How have Roman roads affected the development of our modern roadway system?

If the Titanic was built to be unsinkable - and Viking boats were just simple wooden longships - why did Titanic sink but the Vikings made it to America?

In what way were the railways a major turning point for Britain?

How did the development of transport from the power of the horse to horsepower change the world?

If concord was a huge development in the advancement of air travel, why was it discontinued?

My Place, Your Place, Our Place

- Field work locally
- Orienteering
- Annotated field sketches
- Labelled photos and aerial photos.
- The effects of our behaviour on the environment
- Recycling
- How can we make our local area more environmentally friendly?
- Comparison between our local area and an international region.
- Climate/weather
- Geographical skills -Question, observe, measure, record, present data



WONDERS OF THE PHYSICAL WORLD

- Mountains, earthquakes and volcanoes.
- Why do people choose to live near volcanoes?
- Settlements.
- Geographical skills - Question, observe, measure, record, present data

Rivers

- Features of rivers
 - Erosion
 - The Water Cycle.
 - Human geography of rivers.
 - Chalk streams and their importance internationally.
 - Local surveys on river use. Tally charts, bar graphs.
 - Quadrats and transects.
 - Rain gauge and weather station readings.
 - Aerial photos.
 - Comparison to the Nile
 - How can we make our local area more environmentally friendly?
- (Question, observe, measure, record, present data.)



Game On will be taking sessions on a **Monday** and assisting with the sports teams.

Teacher-led sessions will be on a **Wednesday**.

Amongst the units we will be covering are, tennis, dance and gymnastics and cricket



Internet safety

- Cyberbullying
- Online reputation
- Privacy and security
- Copyright and Ownership
- Self identity

SATS

Monday 12th May – Thursday 15th May

- SATs breakfast will be offered each morning, Monday – Thursday.
- Slow and steady preparation throughout the year so children are confident to sit the statutory assessments

Residential

Condoover Hall

Monday 1st June – Friday 5th June



Social Media

Just a polite reminder that the age requirement is 13 for the following apps:

- SnapChat
- Whatsapp
- Instagram
- Facebook

Secondary Transition

We will help children with the skills needed for next year. There will be PSHE lessons that address change.

Chiltern Hills will be attending for a short chat with children in the next few weeks.

Year 6 Events

Mini Enterprise – this term, with profits going towards the residential. October (date TBC)

French Café – Spring term, with profits going towards the residential - (January)

School trip (museum, TBC)

Bikeability – Summer Term

Residential - July

