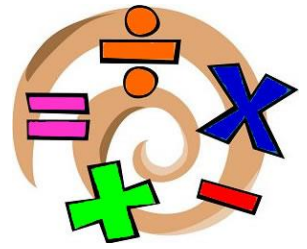


Year 1 English, Maths and Science Guidance

MATHS



- **Websites** - There are lots of resources online that will support children with their learning. Websites that will benefit pupils' learning are below:
 - <https://www.topmarks.co.uk/> a great site for interactive, teaching resources. You can search for work by age group
 - <https://whiterosemaths.com/homelearning/> another maths website that has free content for parents with video tutorials.
 - <https://www.bbc.co.uk/bitesize> free videos, step-by-step guides, activities and quizzes by level and subject.
 - <https://www.bbc.co.uk/iplayer/episodes/b08bzfnh/numberblocks> Number blocks is a really great way to trick children into learning – they pick up so much for these videos!
 - <https://www.familymathstoolkit.org.uk/activities-for-children> National Numeracy Parent Toolkit has a wealth of tips and advice for parents.
 - <http://www.oxfordowl.co.uk/maths-owl/maths> Oxford Owl includes a range of activities, top tips and eBooks to help your child with their maths at home.
 - <http://nrich.maths.org/frontpage> Nrich. A range of maths games, problems and articles on all areas of maths. Parents of Key Stage 1 children should select 'stage 1'.
 - <https://login.mathletics.com/> Mathletics. Each child at New Valley has a personal login for this website. Here, teachers will allocate work to be completed.
- **Fluency** – we have really been building up pupil's number fluency in class. This is the ability for children to recall number facts quickly. Maths games can really help with this or it can be as simple as giving your child questions about things they have already learnt this year.
The topics we have covered this year so far is as follows:
 - Number addition and place value to 20 including number bonds and part – whole method.
 - Shape. Common 2D and 3D shapes including naming and labelling the features of these shapes.
 - Pattern. Questions such as what comes next in a sequence and why/ how do you know?
 - One more/ one less than a number. Two more/ two less.
- An **additional maths learning grid** has been created on a separate document. Learn 5 addition facts, play a maths game and choose one other thing to work on each day. The video links are there to help you understand the activities.
- **Maths stories** – resources for creative and practical activity ideas linking to stories.
 - Cockatoos (Quentin Blake)
http://www.mathsthroughstories.org/uploads/5/7/2/5/57253055/lesson_plan_-_hannah_rodrigues_-_cockatoos_revised.pdf
 - Hooray for fish (Lucy Cousins)
http://www.mathsthroughstories.org/uploads/5/7/2/5/57253055/lesson_plan_-_jennifer_formosa_-_hooray_for_fish.pdf
 - Ten Terrible Dinosaurs (Paul Stickland)
http://www.mathsthroughstories.org/uploads/5/7/2/5/57253055/lesson_plan_-_carla_stanley_-_ten_terrible_dinosaurs.pdf
 - The Shopping Basket (John Burningham)
http://www.mathsthroughstories.org/uploads/5/7/2/5/57253055/lesson_plan_-_jean_knapp_-_the_shopping_basket_1.pdf



• **Useful websites**

- <https://www.oxfordowl.co.uk/welcome-back/for-home> Oxford owl- free e books, story teller and other English activities.
- <https://www.edshed.com/en-gb> Edshed- free member for 14 days +. This provides access to spelling and maths activities.
- <https://www.getepic.com/> Get epic- free books to read for 30 days.
- <https://www.storylineonline.net/> Story line online- books to be listened to and watched.
- <https://www.onceuponapicture.co.uk/> Once upon a picture – lots of visual pictures to stimulate the imagination and promote creativity – use these as a stimulus for story writing.
- <https://www.bbc.co.uk/bitesize/subjects/zgkw2hv> BBC bitesize - free videos, step-by-step guides, activities and quizzes by level and subject.
- <https://hungrylittleminds.campaign.gov.uk/> Hungry little minds- Early years/year 1. Simple, fun activities for children online.
- <https://www.phonicsplay.co.uk/> Phonics play – free to use during school closure. Lots of fun activities linking to phonics – a great resource! Username: march20 Password: home
- <https://www.topmarks.co.uk/english-games/5-7-years/letters-and-sounds> Topmarks- a great site for interactive, teaching resources. You can search for work by age group
- Twinkl- Once at the Twinkl homepage sign up as a new user using your email and choose a memorable password. In the offer code box enter **UKTWINKLHELPS** - This will enable you access to the site to download resources.
- <https://www.teachyourmonstertoread.com/> Teach your monster to read - **reading** game that's helped millions of children learn to **read**. Covers **the** first two years of learning to **read**, from matching letters and sounds to enjoying little books.
- <https://www.worldbook.com/ebooks.aspx> World Book - a free app with access to ebooks
- <https://www.oliverjeffers.com/books#/abookaday/> Oliver Jeffers Stay at home reading with the author and discussions about the book.

• **Reading**

- At New Valley, we really emphasise the importance of your children developing a love of reading. Reading with your children on a regular basis, can help to develop fluency, comprehensions skills, language development and creativity. It is important to **talk about the book**, so that comprehension skills are developed and children understand what the book is about.
- <https://www.activelearnprimary.co.uk/login?c=0> Bug Club – each child has an individual log in (this was stuck in their exercise book) for their banded books. We allocate books to your child according to their reading levels. These books will appear in the 'My Stuff' area of their personal homepages. Throughout the books there are quiz questions for your child to complete, aiding their comprehension skills.
- Please use the VIPERS questioning to help your child's comprehension skills. These are attached on the next page. (Vocabulary, Infer, Predict, Explain, Retrieve and Sequence)

• **Common Exception Words**

This is a list of words that children are expected to be able to read and write correctly by the end of Year 1 and 2. The children are encouraged to write these correctly in their writing. Please practice these regularly.

Year 1 and 2 Common Exception Words			
Year 1			Year 2
the	they	one	door
a	be	once	gold
do	he	ask	plant
to	me	friend	clothes
today	she	school	busy
of	we	put	people
said	no	push	water
says	go	pull	again
are	so	full	half
were	by	house	money
was	my	our	Mr
is	here		Mrs
his	there		parents
has	where		Christmas
I	love		everybody
you	come		even
your	some		
			door
			floor
			poor
			because
			find
			kind
			mind
			behind
			child
			children
			wild
			climb
			most
			only
			both
			old
			your
			gold
			hold
			told
			every
			great
			break
			steak
			improve
			sure
			beautiful
			sugar
			eye
			could
			last
			should
			past
			would
			father
			who
			class
			whole
			any
			grass
			pass
			many

KS1 Reading Vipers

Vocabulary

Draw upon knowledge of vocabulary in order to understand the text.

Example questions

- What does the word mean in this sentence?
- Find and copy a word which means
- What does this word or phrase tell you about?
- Which word in this section do you think is the most important? Why?
- Which of the words best describes the character/setting/mood etc?
- Can you think of any other words the author could have used to describe this?
- Why do you think is repeated in this section?



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KS1 Reading Vipers

Infer

Make inferences from the text.

Example questions

- Why was..... feeling.....?
- Why did happen?
- Why did say?
- Can you explain why.....?
- What do you think the author intended when they said.....?
- How does make you feel?



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KS1 Reading Vipers

Predict

Predict what you think will happen based on the information that you have been given.

Example questions

- Look at the book cover/blurb – what do you think this book will be about?
- What do you think will happen next? What makes you think this?
- How does the choice of character or setting affect what will happen next?
- What is happening? What do you think happened before? What do you think will happen after?
- What do you think the last paragraph suggests will happen next?



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KS1 Reading Vipers

Explain

Explain your preferences, thoughts and opinions about the text.

Example questions

- Who is your favourite character? Why?
- Why do you think all the main characters are girls in this book?
- Would you like to live in this setting? Why/why not?
- Is there anything you would change about this story?
- Do you like this text? What do you like about it?



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KS1 Reading Vipers

Retrieve

Identify and explain the key features of fiction and non-fiction texts such as: characters, events, titles and information.

Example questions

- What kind of text is this?
- Who did.....?
- Where did.....?
- When did.....?
- What happened when.....?
- Why did happen?
- How did?
- How many.....?
- What happened to.....?



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KS1 Reading Vipers

Sequence

Sequence the key events in the story.

Example questions

- Can you number these events 1-5 in the order that they happened?
- What happened after?
- What was the first thing that happened in the story?
- Can you summarise in a sentence the opening/middle/end of the story?
- In what order do these chapter headings come in the story?



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Phonics Guidance

Fred the Frog puppet plays an important role in our Read Write Inc lessons. Fred is only able to speak in sounds, not whole words. We call this Fred Talk.



For example, Fred would say m-a - t we would say mat. Fred talk helps children read unfamiliar words by pronouncing each sound in the word one at a time. Children can start blending sounds into words as soon as they know a small group of letters well. During lessons children are taught to hear sounds and blend them together in sequence to make a word. We start with blending oral sounds, then progress to reading the letters and blending them together to read the word.



The following video is an example of blending sounds with Fred.

https://www.youtube.com/watch?v=dEzfpod5w_Q

Order of teaching sounds

In Read Write Inc phonics the individual sounds are called 'speed sounds' – because we want your child to read them effortlessly. Set 1 sounds are the initial letter sounds. They are taught in the following order. **m, a, s, d, t, i, n, p, g, c, k, u, b, f, e, l, h, sh, r, j, v, y, w, th, z, ch, qu, x, ng, nk**

There are 12 Set 2 'speed sounds' that are made up of two or three letters which represent just one sound, e.g. ay as in play, ee as in tree and igh as in high.

When children learn their Set 2 sounds they will learn: the letters that represent a speed sound e.g. ay. A simple picture prompt linked to the 'speed sound' and a short phrase to say e.g. *may I play*. Every speed sound has a list of green words linked to it, so your child can 'sound out' and 'sound blend' words containing the new speed sound they have just learnt, for example s-p-r-ay = spray.

When learning their Set 3 speed sounds they will be taught that there are more ways in which the same sounds are written, e.g. ee as in tree and ea as in tea.

The table below shows the sound, the associated phrase and example green words.

Vowel sound	Set 2 Speed Sound Rhyme	Green words
ay	ay: may I play	day play say may tray today
ee	ee: what can you see?	seen need sleep feel three green
igh	igh: fly high	might light sight night fright
ow	ow: blow the snow	snow flow know show blow
oo	oo: poo at the zoo	mood fool pool stool moon spoon
oo	oo: look at a book	took shook cook foot
ar	ar: start the car	bar park smart sharp car spark
or	or: shut the door	sort short worn horse sport fork

air	air: that's not fair	fair stair hair lair chair
ir	ir: whirl and twirl	girl third whirl twirl dirt
ou	ou: shout it out	mouth round found loud shout
oy	oy: toy for a boy	toy boy enjoy
Set 3 Speed Sound Rhyme		
a-e	a-e: make a cake	shake name same save brave late
ea	ea: cup of tea	neat real clean please dream
i-e	i-e: nice smile	hide shine white nice wide like
o-e	o-e: phone home	hope home rose spoke note those
u-e	u-e: huge brute	tune rude use June excuse
aw	aw: yawn at dawn	saw raw law straw dawn crawl
are	are: care and share	bare bare spare scare flare square
ur	ur: nurse with a purse	burn turn hurl burp slurp lurk
ow	ow: brown cow	howl down brown down gown
oi	oi: spoil the boy	join coin voice choice noise
ai	ai: snail in the rain	paint train rain plain strain
e	e: he me she we	he me she we he
oa	oa: goat in a boat	toad road oak loaf throat toast
ew	ew: chew the stew	new knew flew blew crew newt
er	er: better letter	over never weather hamster after
ire	ire: fire fire	spire bonfire inspire conspire hire
ear	oar: hear with your ear	fear dear gear spear year
ure	ure: sure it's pure	picture mixture adventure pure

Click the link below to hear how to pronounce the sounds correctly.

<http://www.ruthmiskin.com/en/resources/sound-pronunciation-guide/>

Nonsense words (alien words)

As children build up their knowledge of sounds they are able to apply their decoding skills to any unfamiliar word may it be real or nonsense. Children should practice their decoding skills by sounding out the letters in 'Alien words'. Children are unable to rely on existing knowledge of real words, and instead have to use their letter-sound knowledge. This is an important part of the Phonics Screening Test children complete at the end of year 1.

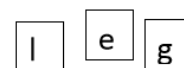


The following websites have enjoyable games for your child to play to practice their reading of alien words.

- <http://www.phonicsplay.co.uk/PicnicOnPluto.html>
- <http://ictgames.com/literacy.html>
- <http://www.bbc.co.uk/bitesize/ks1/literacy/phonics/play/>

Spelling with your Fred Fingers

Children are taught to use their fingers to help them write words. The children say the word out loud and break it down into its individual sounds. If a word has 3 sounds children hold up 3 fingers, 4 sounds 4 fingers etc. Children then pinch each finger as they say the sounds needed in the word then they write the letters that represent each sound.



SCIENCE



- **Useful websites**

- <https://www.theschoolrun.com/science/investigative-skills> - Information and guidance for parents for different topics within science.
- <https://www.bbc.co.uk/bitesize/subjects/z2pfb9q> BBC bitesize - free videos, step-by-step guides, activities and quizzes by level and subject.
- https://earthwatch.org.uk/get-involved/education-and-schools/discover-earth?gclid=EAIaIQobChMIhbCPqZqm6AIVgrTtCh1cPwF2EAAYASAAEgK3sJfD_BwE - Earth Watch - resources for outdoor science learning
- <http://www.sciencekids.co.nz/> Science Kids - Lots of online information, experiments, games, activities, ideas, quizzes and videos for science projects.
- <https://www.sciencemuseum.org.uk/games-and-apps> Science Museum - online games and apps to play at home.
- https://www.britishscienceweek.org/plan-your-activities/activity-packs/?gclid=EAIaIQobChMI5L3upJym6AIVhrTtChOR4QDPEAAYAAEgJsRfD_BwE British Science Week 2020 Activity Packs - theme of 'Our Diverse Planet'.
- <http://www.crickweb.co.uk/ks1science.html> Crick Web- online games and activities to do at home.
- <https://wowscience.co.uk/> Wow Science! A range of games, activities, apps, videos and experiments to do at home.

- **Experiments** - Websites with a range of experiments to try at home.

- <https://www.businessinsider.com/8-awesomely-simple-science-experiments-you-can-do-at-home-2016-7?r=US&IR=T#baking-soda-volcano-8>
- <https://mommypoppins.com/kids/50-easy-science-experiments-for-kids-fun-educational-activities-using-household-stuff>
- <http://www.sciencekids.co.nz/experiments.html>
- <https://www.noguiltmom.com/very-simple-science-experiments/>