





Friends of Tanfield Lea Community Primary School

Please support 'The Friends of the school' who are a group of volunteers who raise money to fund activities for the children. These activities range from school trips, discos, Bingo nights and coffee afternoons to provide new resources throughout the school, which school may not necessarily be able to buy. They also have been known to fundraise for other charities such as Macmillan & Link to Hope(shoebox appeal).



Friends of Tanfield Lea Community Primary School





Meetings take place termly to arrange our events – like our FB page to check for updates!

Welcome to Year 6

Staff: Mr Patterson Mr Temple **Mrs** Ovington **Mrs Henderson Miss Gardiner** Mr Ashman (PE on a Monday) **Mrs Bruce**

Reminders of daily life in school:

- **PE** will be on a **Monday** with Mr Ashman. Children to come to school in their P.E. kits
- Home-learning (which was homework) typically sent out on a Wednesday and returned on a Monday.
- Children collect 3 *reading comments* a week in their organisers. This is alongside Accelerated Reader.
- Spellings are handed out on a Tuesday and tested the following week on a Monday. We now focus on a whole class set of spelling rules.
- **Privilege time** on a **Friday** is up to 30 minutes of a chosen activity. Dependent on home learning, reading comments, behaviour in school. Children can sign up to one terms worth of a club-based activity (e.g. Chess, Radio station, art etc).
- **Opal** Children will need wellies in school during winter months to use OPAL activities. (When rota allows)

Next Year's Learning

Feedback from questionnaire:



Termly Overview

Term and Topic	Aut 1 Ha'way the Lads Trip to Discovery Museum	Aut 2 A <u>Non</u> <u>European</u> Society - Mayans Visit to Howtown / Grinton	Spr. 1 Highwayman	Spr. 2 Viking and <u>Anglo Saxon</u> Struggle for England	Sum 1 Wreck of the Zanzibar	Sum 2 Global Sports (Olympics, World Cup, Euros)
		Grinten				

Our Curriculum (tanfieldlea-primary.durham.sch.uk)

Mathematics in Year 6





Tanfield Lea Community Primary School - Maths Long Term Plan—Year 6—Autumn

Key skills	BIG MATHS	BIG MATHS	ARITHME- TIC	Revisit Shape Y5	BIG MATHS	BIG MATHS	ARITHME- TIC	REVIST Rounding	BIG MATHS	BIG MATHS	ARITH
	1	2	3	4	5	6	7	8	9	10	11
	Number: P	Place Value	Number: Add and Subtract	Num Multip	iber: lication	Nu	mber: Fracti	ons	Geometry: of S	Properties hape	Meas Perin
	Read, write, or- der and compare numbers to 10,000,000	Rounding any whole number. Rounding to specific degrees of accuracy. To solve numbers and practi- cal prob- lems involv- ing the above.	Addition & Subtrac- tion Solve addi- tion and subtraction multi-step problems in contexts, deciding which oper- ations and methods to use and why.	Multiply Multiply up to 4digit by a two-digit number.	Divide Divide num- bers up to 4 digits by a two-digit number. Use knowledge of the order of opera- tions to carry out the 4 oper- ations	Multiply and Divide Fractions Use com- mon factors to simplify fractions. Multiply simple pairs of proper fractions, writing the answer in simplest	Add and Subtract Fractions Add and subtract fractions with differ- ent denomi- nators.	Add and Subtract Fractions Add and subtract fractions with differ- ent denomi- nators and mixed num- bers using the concept of equiva- lent frac- tions.	Angles – Measure and Draw To meas- ure angles. To draw angles. To draw 2- D shapes using given dimensions and angles.	Angles – Missing angles To recog- nise angles where they meet on a point, are on a straight line, or are vertically opposite, and find missing	Perime Area Revisit perime and pec ter of c pound shapes (Not a objectiv Area of rectang shapes here.

How we teach Maths

- We teach Maths in blocks which focus on a key area of maths. Sometimes these blocks can last for 3 weeks.
- This allows children time to get to grips with new and important skills as well as apply them to problems.
- We also **revisit** previously taught blocks to help the learning stick.
- You can find all of the blocks in the 'curriculum' area of our website if you want to know what your child will be learning.

Key skills	BIG MATHS	BIG MATHS	ARITHME- TIC	Revisit Shape Y5	BIG MATHS	BIG MATHS	ARITHME- TIC	REVIST Rounding	BIG MATHS	BIG MATHS	ARITHME- TIC	REVISIT Fractions	BIG MATHS	BIG MATHS	ARITHME- TIC
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	Number: P	lace Value	Number: Add and Subtract	Num Multip	ber: ication	Nu	mber: Fracti	ons	Geometry: of S	Properties	Measuren Perimeter	nent: Area, & Volume	Numbe	r: Ratio	Arithme- tic (Residential)
	Read, write, or- der and compare numbers to 10,000,000	Rounding any whole number. Rounding to specific degrees of accuracy. To solve numbers and practi- cal prob- lems involv- ing the above.	Addition & Subtrac- tion Solve addi- tion and subtraction multi-step problems in contexts, deciding which oper- ations and methods to use and why.	Multiply Multiply up to 4digit by a two-digit number.	Divide Divide num- bers up to 4 digits by a two-digit number. Use knowledge of the order of opera- tions to carry out the 4 oper- ations	Multiply and Divide Fractions Use com- mon factors to simplify fractions. Multiply simple pairs of proper fractions, writing the answer in simplest	Add and Subtract Fractions Add and subtract fractions with differ- ent denomi- nators.	Add and Subtract Fractions Add and subtract fractions with differ- ent denomi- nators and mixed num- bers using the concept of equiva- lent frac- tions.	Angles – Measure and Draw To meas- ure angles. To draw angles. To draw 2- D shapes using given dimensions and angles.	Angles – Missing angles To recog- nise angles where they meet on a point, are on a straight line, or are vertically opposite, and find missing	Perimeter / Area Revisit perimeter and perime- ter of com- pound shapes (Not a Y6 objective) Area of rectangular shapes here.	Area and volume Developing area (pre- Y6) Calculate the area of a triangles (and paral- lelograms). Calculate, estimate and com- pare vol-	Ratio Solve prob- lems involv- ing the relative size of 2 quanti- ties where missing values can be found using inte- ger multipli- cation and division facts.	Percent- ages of amounts Solve prob- lems involv- ing the calculation of percent- ages e.g. 15% of 360	Children in Year 6 will have the opportunity to spend one week as part of a residential visit. During this time, chil- dren who do not wish to take part in the resi-

Tanfield Lea Community Primary School - Maths Long Term Plan—Year 6—Autumn



Calculation Policy

- Available on the school website.
- Encourages consistent teaching and learning of the four operations as the children move through school.
- In line with the National Curriculum and our long term plans.
- Shows the progressive steps the children will take, the vocabulary they will use, resources that will support their learning and how their work should be presented in their books.
- Helps parents see the methods the children will be taught in class.

Big Maths – Total recall – Once a Week (Friday: 6P, Wednesday: 6T)

- Rapid recall of times tables facts and simple addition is
 essential to mathematics. In
 Years 5 & 6 there are
 72 facts we must know.
- Each week we have 100 seconds to answer as many as we can, aiming to beat our score each week.

	BEAT			LEAR Ghaile		F	Name: Class: Date:	ife Challenge
6								
	4 x 4 =	7 * 8 =	7 x 7 =	6 + 8 =	5 + 5 =	7 + 9 =	2 + 4 =	2 x 5 =
	3 + 5 =	8 + 3 =	4 + 5 =	4 + 8 =	4 + 4 =	3 + 9 =	5 + 8 =	6 x 4 =
	3 x 5 =	7 + 7 =	3 + 6 =	2 + 7 =	2 x 4 =	6 + 9 =	5 + 7 =	3 x 7 =
	8 x 7 =	4 + 9 =	6 x 6 =	8 x 8 =	2 x 6 =	3 x 2 =	2 * 5 =	5 x 8 =
	4 x 8 =	6 + 7 =	9 x 3 =	2 + 9 =	2 x 2 =	4 + 7 =	8 x 6 =	3 x 6 =
	3 x 3 =	9 + 9 =	4 x 7 =	7 x 9 =	3 x 8 =	6 x 9 =	8 x 9 =	2 x 7 =
	8 + 8 =	2 x 9 =	3 + 3 =	2 * 3 =	7 x 5 =	6 + 6 =	3 + 7 =	8 + 9 =
	3 + 4 =	4 x 9 =	4 + 6 =	6 x 7 =	4 x 5 =	5 x 6 =	5 + 9 =	3 x 4 =
	5 + 6 =	2 * 2 =	5 x 9 =	8 + 2 =	5 x 5 =	2 x 8 =	9 x 9 =	2 + 6 =



Times Tables Rock-Stars – regular use is essential and a proven way to develop core Mathematical skills. Please encourage your child to use Times Tables Rock Stars. **Times-tables knowledge is essential to the Arithmetic Paper**

our

You may receive a letter in the Autumn term inviting your children to complete 10 minutes on a morning of TTRS.

This is to help develop times-tables knowledge and give the best start to Year 6. Arithmetic practice - 30 minutes - 36 questions Ranging from more straight-forward to complex questions, we will regularly practise arithmetic questions in smaller chunks or by completing sample arithmetic papers. This is to help develop basic skills and prepare for SATs papers.

Reading in Year 6

What does 20 minutes reading a day





Ay Circus Life Some people might be good at their jobs, but performer Vladik Miagkostoupov was actually born to do his! Raised by two Moscow Circus performers, young Vladik was tutored early on by his juggler

father. By age nine, he'd perfected enough of his natural acrobatic and juggling skills to work full time with the circus. Combining a seamless mix of acrobatics, dance and juggling, the star

Interview by Kari Kamin

has performed with a range of companies in Paris and Monte Carlo. Several years ago, Vladik - who is now 28, married and a dad - began as a character in Dralion, an epic performance piece.

What will most appeal to kids about this show?

For children, the clowns! The show itself, I'm sure the kids will love because there are a lot of acrobatics. There's a lot of movement, It's very colourful. It's an uplifting show. You leave feeling happy. There's always something going on onstage.

You've performed this character for many years, since 2006. How often does your routine in Dralion change?

I'm always changing it. This routine I've actually been doing for 14 years. Every time I look at it, I'm putting in a new trick or changing the choreography. It's constantly changing.





1 mark

13

What two skills did Vladik show a natural talent for as a child?

1. _____ 2.

What parents need to know about Renaissance Accelerated Reader



Star Reading

- 20 minute computer-adaptive test used to assess reading ability.
- Tracks reading growth.
- Provides students with a personalised reading range called the ZPD, and teachers with data to monitor student progress.



RENAISSANCE

@2016 Copyright Renaissance Learning, Inc[®], All Rights Reserved

 Your child has done a test, which has given them a ZPD (a Reading Range e.g. 2.5 – 3.1)

Accelerated Reader

- Accelerated Reader is a key and regular part of our school day.
- Children are given time to read independently each day and access to computers and ipads to complete quizzes once they have finished a book.
- Children have a target of reading for 20mins per day and aiming for 80% or higher on quizzes.
- All children have a ZPD to help them achieve this which helps them to choose books that are challenging enough to help them develop without being too demanding.
- Children are given feedback each week to help them work towards their reading targets.
 Zone of Proximal Development (ZPD)



RENAISSANCE

R016 Copyright Renaissance Learning Inc[®] Ail Right

QUIZZES

- Children access quizzes through the AR website.
- There is a quick link on the school website under Children.





How you can help with reading?

- Continue to support your child with his / her reading.
- Encourage children to maintain 20 minutes a day through allocating a little time to reading at home (In Year 6 this may be your child reading independently rather than reading to an adult).
- Talk about their books and their quizzes.
- Support the AR section of our library (donations of unwanted books are always welcome.)



Reading Comments (checked on a Friday) Reading can be completed by:

- reading to a carer
- reading for others
- reading quietly on their own



Week begin	ning: 2 nd September 2014	T
1/9	Best Com e 7-28	
2 3/9	Reactionale	
³ 4/q	Read Kindle	
Other comm	nents	Τ
		1
Week begin	ning: 8 th September 2014	
9/9	BEST FRIENDS	
210/9	BEST FREENDS	
311/9	BEST FERENDS	
Other comr	NERY GOOD REMOINT.	
Week begin	ning : 15 th September 2014	
1		
2		

For the last point, carers could ask a few questions about what the children have read.





PARENT INFORMATION AUTUMN TERM UPDATE

Child's Name:	NEEDS FURTHER DEVELOPING	MEETS EXPECTATIONS	OUTSTANDING
Attitude to learning	Shows some interest in lessons	Shows interest in lessons	Shows additional interest – consistently makes links to experiences and goes and finds out more
Attitude to presentation of work	Work is not consistently well presented	Work is consistently well presented	Work is consistently very neat, or has made extra effort with presentation
Attitude to home learning	Doesn't complete all home learning or reading comments	Completes home learning/reading comments	Completes home learning/reading comments, including extra such as TTRS/Mathletics/additional challenges
Behaviour	- Can be distracted - Frequent loss of PT/reminders about behaviour	 Focuses on the teacher and own learning Occasional loss of PT/some reminders about behaviour 	- Always engaged -No loss of PT/Very few reminders from teachers about behaviour

Child's Name:	NEEDS FURTHER DEVELOPING	MEETS EXPECTATIONS	OUTSTANDING
Use of initiative	Often needs support/prompting	Completes age- appropriate tasks by themselves	Is pro-active at finding solutions and takes responsibility for their own learning
Participation in class	Reluctant to contribute to questions	Contributes answers and ideas	Always engaged and frequently makes contributions which further develop everyone's learning
Co-operation with others	Needs support to interact positively with others	Interacts positively with others	Interacts positively and supports others, including those beyond their friendship group

Praise and Recognition

Success Cards

-Recognising consistency, resilience, growth mindset, progress, behaviour, commitment, being a good citizen

- No longer Bronze, Silver, Gold, but collecting countries, beginning with England
- Recognised in Assembly and with a follow up postcard
- Hot Chocolate Reward Plus team points, stickers...



Growth Mindset



I can learn anything I want to. When I'm frustrated, I persevere. I want to challenge myself. When I fail, I learn. Tell me I try hard. If you succeed, I'm inspired. My effort and attitude determine everything. I'm either good at it, or I'm not. When I'm frustrated, I give up. I don't like to be challenged. When I fail, I'm no good. Tell me I'm smart. If you succeed, I feel threatened. My abilities determine everything.

Attendance



Punctuality is important. Late arrivals can affect attendance.

It is really important that your child attends school and arrives promptly for registration between 8:40am-8.50am.



Attendance Awards

We celebrate children's attendance every week in our Friday assembly:

- ✓ Attendance % for every class is shared
- Classes compete to win a half term cash prize of £20 for the class to spend on a treat

Points are awarded weekly on the following basis

- ✓ 95% or above class % 1 point
- ✓ 98% or above class % 2 points
- ✓ 100% for the class % 4 points
- ✓ 100% award for one class member each week, names are selected in the random name spinner. Children receive a small prize.



<u>SATS - End of Key Stage 2 tests in English</u> and Maths (More in separate Y6 meeting in the spring)

•KS2 Sats are scheduled to resume this academic year and will take place in the summer term 2023. May 13th – 16th – Please don't make appointments during this week!

- Mon Grammar, Punctuation and Spelling (2 papers -20 spellings / 50 marks for Grammar and Punctuation)
- Tues Reading (1 paper 50 marks)
- Weds Maths Paper 1 (Arithmetic 40marks), Paper 2 (Reasoning – 35 marks)
- Thursday Maths Paper 3 (Reasoning) 35 marks)

Weekly spellings are based on the Year 5 / 6 word list and common spelling rules

New Curriculum Spelling List Years 5 and 6 twinkl www.twinkl.co.uk immediately physical accommodate communicate equip sincerely individual community equipped prejudice soldier accompany according equipment competition interfere privilege stomach achieve especially conscience interrupt profession sufficient exaggerate language aggressive conscious programme suggest excellent amateur controversy leisure pronunciation symbol convenience lightning ancient existence queue system explanation marvellous correspond apparent recognise temperature mischievous recommend appreciate criticise familiar thorough attached muscle twelfth curiosity foreign relevant available definite forty necessary variety restaurant neighbour average desperate frequently rhyme vegetable awkward determined nuisance rhythm vehicle government bargain develop sacrifice quarantee yacht occupy bruise dictionary secretary harass occur disastrous hindrance opportunity shoulder category embarrass cemetery identity parliament signature committee environment immediate persuade sincere

School Gateway App

You will have already downloaded the free School Gateway app and registered for an account. Please ensure that if you change your email address or mobile number you let us know immediately.

This will allow:

- Continued communication with parents
- School to send free messages, saving the school budget
- Online payments



Any questions?

• Maths strategies