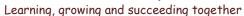
#### Whitnash Primary School







#### MATHS

#### Fact families

- 1. Choose a multiplication fact
- 2. Write down the associated multiplication and division facts
- 3. Now write 5 more facts that are multiples of 10/100 e.g.

3 x 6 =180 30 x 6 =

 $30 \times 60 = etc$ 

Practice: Try it with other facts
Challenge: Make sure you read the large numbers correctly to a helper.

### Place Value ~ Round decimal numbers

- Ask anyone at home to help you think of ten numbers with one decimal place e.g 5.2
- 2. Write the numbers down.
  - 3. Round all the numbers to the nearest whole number
  - 4. **Practice:** Get ten new numbers and try again another time

Challenge: Try numbers with two decimal places.

#### Place Value ~ Ordering

- Ask anyone at home to help you think of ten numbers with one or two decimal places.
- 2. Order the numbers from largest to smallest
- 3. Work out the difference between each number

**Practice:** Get ten new numbers and try again another time. Can you order them smallest to largest?

Challenge: Try numbers with two/three decimal places

#### Place Value ~ what's my number?

- 1. Player 1 (You or another player from home) chooses a number.
- 2. Player 2 asks questions to help work out the secret number
- 3. Player one can only answer yes or no

#### Example

Player 2"Is it over 50?" Player 1"Yes"

**Practice:** Choose numbers each day **Challenge:** Guess the number with 10 questions.

#### **Equivalent Fractions**

1. Use the Fraction Wall below to find all the fractions equivalent to  $\frac{1}{2}$ 

**Practice**: Find fractions equivalent to 1/3

Challenge: Can you find equivalent fractions to  $\frac{1}{2}$  that go beyond the fraction wall?

#### Mixed numbers

- 1. Draw around a round object to create 3 circles
- 2. Divide each circle into 8 equal parts
- 3. Shade 10 of the parts
- 4. Write this as a mixed number
- 5. Write this as an improper fraction.

**Practice**: Repeat with a different number of eighths

Challenge: Can you divide the pizza into 10 equal parts and repeat the activity

#### Ordering Fractions

- 1. Ask anyone at home to help you think of ten fractions.
- Using the Fraction wall to help you, order the numbers from largest to smallest

**Practice:** Get ten new fractions and try again another time. Can you order them smallest to largest?

Challenge: Try with improper fractions

#### Adding and subtraction fractions

- Write down 10 fractions with the same denominator.
- Random choose two and ad them together
- 3. Repeat and subtract the fractions
- 4. What happens if the answer is more than one?

Practice: Get ten new fractions and try again another time
Challenge: Can you add three fractions with the same denominator.

#### What is a fraction?

Using the ideas below, choose a fraction and represent it in as many ways as you can.



 $3 \div 5$ 





**Practice**: Repeat with a different

number of eighths

Challenge: Can you represent a mixed

number in different ways?

#### **Equivalent Fractions**

Using the fraction wall below, find equivalent fractions for the following:

- Two eighths
- Two sixths
- Three fifths

**Practice**: Choose 3 different fractions and find their equivalents.

Challenge: What happens when you double the numerator and then double the denominator?

#### Tenths and hundredths

Find 3 different ways to represent 8 tenths. You could use a square divided into ten equal parts, a fraction and a decimal. Can you think of a different way?

**Practice**: Show 6 tenths in different

ways

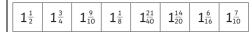
Challenge: Repeat for hundredths.

#### Ordering fractions

Order the fractions below smallest to largest:



**Practice**: Repeat with these



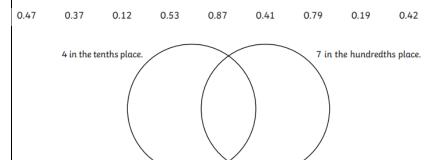
fractions:

Challenge:

3 2	7/4	19	98	13 8	9	7 5	17
2	4	10	8	8	9/5	5	17 10

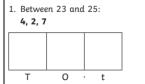
#### Fractions and Decimals (tenths and hundredths)

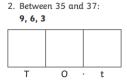
Copy and complete the Venn Diagram with these decimals:

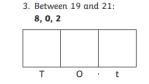


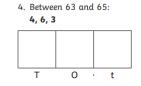
#### Decimal Place Value Challenge

Arrange all the digits to make a decimal number that meets the given criteria.

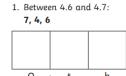


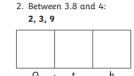


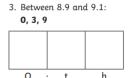


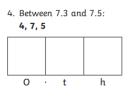


#### Challenge:









#### Decimals Place Value

Using the Place Value Grid attached to this menu, how many different decimal numbers can you make using the digits: 8, 5, and 9? Read out your numbers to an adult to make sure

**Practice**: choose three different numbers and repeat.

Challenge: Choose 4 number

#### Web links to games that support learning about fractions

https://www.education.com/game/converting-fractions-to-whole-numbers/ https://www.mathplayground.com/index\_fractions.html https://phet.colorado.edu/sims/html/fraction-matcher/latest/fraction-matcher\_en.html

#### **English**

#### Spellings ~ Mini Tests

- 1. Choose a set of spellings, to practise, from the spelling sheet
- 2 Write them out in a list
- 3. Get someone at home to check it then test you each day.

Practice: Test each day until you are scoring 100%

Challenge: Use these in sentences

or a story

#### Spellings ~ Hangman

- 1. Choose a spelling from the spelling sheet
- 2. Write dashes for the number of letters
- 3. Get a partner to guess the letters then spelling.

Practice: You always do the guessing Challenge: Ignore the list and choose adventurous words.

#### SPAG ~ Homophones

- 1. Find 5 pairs of words that sound the same but are spelt differently e.g. 'hare/hair'
- 2. Practise spelling each pair of words
- 3 Put each word into a sentence to show it meaning

**Practice:** Find 5 more homophone pairs and repeat

Challenge: Make a matching pairs game (e.g. snap) to help you practise.

#### SPAG ~ Silent letters

- 1 Find 5 words that contain silent letters e.g. knight
- 2. Practise spelling each of the words
- 3. Write a sentence for each to show the meaning.

Practice: Choose 5 different words

and repeat

Challenge: Make a list of words with silent letters from your reading books

#### Non-Chronological report: Writing

- 1. Choose a planet in our solar System
- 2. Write a fact file about the planet
- 3. Use headings, sub-heading and bullets points

**Practice:** pick another planet and try again

Challenge: Add pictures to add interest to your writing.

#### Narrative: Native American Myths

- 1. Read the myth below
- 2. Create a story map and retell it to an adult
- 3. Rewrite it your own words

Practice: Edit your writing the improve the words you have chosen

Challenge: Write your own version of the story, changing the animals and the characters

#### Play script: Native American Myths

- 1. Use the story below (or your own version) and write it is a play script.
- 2. Remember to include brief character descriptions and stage directions

Practice: Read your play out loud

Challenge: Get the people in your house involved and act it out!

#### Reading ~ Reviews

- 1. Choose a new book to read or a favourite you have read
- 2. Write a letter to the author telling him/her what you like about the book.

Practice: pick another book and try

again

Challenge: Imagine you are the author

and write a reply!

#### Spelling: words ending in -ant

Correct the spellings below: tollerant

frayarant

relavant

ignorrant

deodirant

#### Challenge:

Write a sentence for each of the words

#### Spelling: words ending in -ent

Correct the spellings below:

inocent

deccent

exsellent confidant

exisstent

#### Challenge:

Write a sentence for each of the words.

#### **Pronouns**

Use each of the pronouns below in a sentence;

Subject pronouns	I	you	he	she	we	they	it
Object pronouns	me	you	him	her	us	them	it

Challenge: In each of your sentences can you replace the pronoun with a noun?

e.g: She happily hopped on to the bus on her way into town.

Mrs Jones hopped on to the bus on her way into town.

#### Persuasive Writing

Using the persuasive wring example below - write down the key arguments used to persuade the reader. Use bullet points and summarise each paragraph.

#### Challenge:

What might someone say if they disagree with each point?

#### Persuasive Writing

Choose a topic you feel strongly about. e.g: banning single use plastics
Write down 4 key points supporting your view point.

#### Challenge:

Discuss your viewpoint with an adult. Do they agree or disagree? Can you add anything do persuade them?

#### **Synonyms**

Synonyms are words that have a similar meaning.

Choose five words that mean 'terrible' Put each of them in a sentence.

#### Challenge:

Put each of your words on a line with the word that means least terrible first and most terrible last. Where should the other words go?

#### Questions

Write down 4 questions you might ask someone about your topic.

e.g: How important do you think having clean oceans is?

Challenge: Ask an adult these questions and write down their answers.

#### Persuasive writing example

#### Why There Should Be a Match of the Day Programme for Women's Football

Anyone who likes football can close their eyes and hear the Match of the Day theme tune. They can hear the crowd noise, imagine the net bulging and picture the players celebrating another goal. However, the players are always men. Why? I strongly believe that women's football should be given equal billing with men's football and that would include having the same programme for women each week.

Women's football is a popular and growing sport and should be represented on TV. Football is the most popular team sport for women, the crowds at games are getting bigger and the skill levels are even better than those in the men's game. It is time to give women's football equal standing on TV.

Girls who enjoy playing football should have access to role models that can be a positive influence for them. Not many people know the names of women's football stars. If girls could be more familiar with women who had become professional players, they would be more likely to train hard to try and achieve the same thing.

It is hugely important to give boys and girls equal rights in everything. Females are paid on average less than males and are not represented equally in films. As football is the national sport in the UK, it makes really good sense for football to lead the way in this. Wouldn't you like to have a world where everybody is treated equally?

Undoubtedly, the time has come to air a Match of the Day programme for women too. This would be the perfect way to provide positive role models for girls and combat inequality. The time is now.

# Year 5 and 6 Statutory Spellings

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

\_

# Clever Coyote A Comanche Myth

Once upon a time, a long ago, a horrible monster stole all the buffalo from the plains and put them in his mountain hideout.

"There," beamed the monster. "I have enough food to last forever."

Coyote, a wild dog, called all the people and all the animals together in a great meeting to figure out what they could do. No one had an idea. They were too afraid of the monster to think at all.

"I scouted the monster," Coyote spoke up. "He lives with a very small boy."

"We cannot hurt a child," said one of the people. "Not even to get back our buffalo."

"That is understood," Coyote nodded. "But I was thinking .... a small boy must be very lonely with no one love except a horrible monster. I think we should give him a pet to love. When the chance arises, the pet we send can set the buffalo free."

All the people and all the animals thought that was a marvellous idea.

First, they sent Mouse to win the heart of the small boy. The boy liked Mouse and took him home. But the monster told the boy to send Mouse away. Next, the people sent Killdeer, a bird. But the bird fared no better.

Coyote called another meeting. "I think," Coyote told all the people and all the animals, "that I must go myself."

That very day, Coyote set out for the monster's lair. When the boy saw Coyote, his eyes brightened. The boy loved Coyote immediately and took him home. The monster was very angry. "Get that mangy dog out of here before I eat you both!"

The boy and Coyote ran out of the lair. The boy sat down. He tried not to cry, but a tear ran down one cheek. Coyote licked it away.

"Poor dog," sighed the boy. "I bet you're hungry."

Coyote put back his head and howled. That is the sound Coyote makes to comfort you.

The buffalo heard Coyote's cry. It frightened them. They began shuffling and stamping their feet the way buffalo do when they are nervous.

The more the boy cried, and the more Coyote howled to make him feel better, the more frightened the buffalo became. One buffalo became so afraid that he began to run. The other buffalo ran after him. They ran and ran until they had scattered all over the plains. The monster ran after the buffalo.

While the monster was gone, Coyote took the small boy to live with the people.

The monster hunted and hunted, but the buffalo had scattered without a trace. Late that night, when the monster returned to his lair, young warriors were waiting. They killed the monster, much to the relief of one small boy and all of the people and all of the animals.

That is why the elders say it is Coyote to whom we owe the buffalo. Even today, the people still give thanks to clever Coyote. If it had not been for the smart head and warm heart of one little dog, that horrible monster would have kept all the buffalo for himself forever.

		ı	Deci	mal	Plo	ıce \	Valu	ıe C	hart	t		
Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones	tenths	hundredths	thousandths	ten thousandths	hundred thousandths	millionths
М	HTh	TTh	Th	Н	Т	0	t	h	th	tth	hth	m
						•						

## Fraction Wall



									1									
<u>1</u>								1/2										
		<u>1</u>							1/3							1/3		
	1/4				1/4						<del>1</del> <del>4</del>					1/4		
:	1/5 1/5			<u>1</u> 5		1 5					<u>1</u>				<u>1</u>			
1 6					1/6			1 6			1 6			1 6				
1 7			1 7			1 7		1 7			1 7			1 7			1 7	
18			18		18	18			18			18			18		1 8	
1 9			19		1 9			19			19		1 9		<u>1</u> 9		<del>1</del> <del>9</del>	
1 10	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1 10		1 10		1 10		1 10		1 10	,	1	D I	1 10		
1 11	1 11	L	1 11		1 11		1 11		1 11		1 11		1 11		1 11		1 11	1 11
1 12	1 12		1 12	j	1 [2	1 12		1 12		1 12		1 12	1	2	1 12		1 12	1 12