Kestrels Home Learning Thursday 2nd July
Weekly tasks to do when possible:

Grammar: Write some sentences with modal verbs (check the Grammar slide for a definition)
Spelling: Practise writing words with the suffixes ful, ment, ness and less and then cover them and rewrite them, look at the slides for extra activities.
Arithmetic: Mental methods for addition and subtraction see the following slides for practice.
Please make sure you are reading daily, for at least 20 minutes.

Mexico Activities for the week!

I have suggested some activities below which are suitable for a Year 5/6 class but can also be done by younger children with some help.
Choose the activities you would most like to do and present them creatively! You can present your work however you like, for example, in the form of artwork, a scrapbook, a PowerPoint.
Our weekly focus for this week is Culture and tradition.
Please see the next slide for the activities.

Suggested activities for the week:

- Learn some numbers/ greetings in Spanish. There are some great videos on YouTube for this and the free language learning app Duolingo has a course in Spanish (this app is excellent!).
- Mexican Spanish is slightly different to Spanish from mainland Spain, can you find out more about this?
- Research the traditional sports of Mexico and present these as a poster or try some yourself (unless they are dangerous!)
- Try some Mexican food. There are lots of Mexican dishes in our local supermarkets!
- Research the main religions in Mexico.
- Research the Mayans! What happened to them? Have they influenced any of modern Mexico?
- Research the clothing in Mexico and design your own traditional outfit.
- In England we have the monarchy and government. Is this the same as Mexico? Do they have any laws which are different?
- Is there anyone who is famous who was born in Mexico?

Grammar: Write some sentences with modal verbs.

Modal verbs come **before another** verb and tell us how **possible / likely** something is

Spot the modal verbs:

He **could** go home but he **must** finish this first.

Spelling Rule Explanation

Suffixes are added to the end of a root word.

end**less** move**ment** use**ful** dark**ness**

less: without **ment:** action / process

ful: full of **ness:** state of being

For root words ending in **'y'**:

CHANGE IT or **KEEP IT!**

enjo**y** > enjo**i**ment or enjo**y**ment? Why?

happ**y** > happ**i**ness or happ**y**ness? Why?

Examples

Where have I just added the suffix?

Which root words would have ended in **‘y’**?

care**less**	sick**ness**	power**ful**	enjoy**ment**
treat**ment**	penni**less**	angri**ness**	pain**ful**
help**ful**	move**ment**	harm**less**	silli**ness**

THINK: Which root words could you add a different suffix too? ***less / ment / ful / ness***

Practice

Decide which suffix can be added: ***less, ment, ful, ness***.

<u>REMEMBER</u>: If it ends in 'y' CHANGE IT or **KEEP IT!**

<u>Starter</u>	**<u>Challenge 1</u>**	**<u>Challenge 2</u>**
hope ***(+less)***	help	employ
power ***(+ful)***	pay	delight
kind ***(+ness)***	peace	lonely
state ***(+ment)***	happy	invest
point ***(+less)***	punish	mercy

<u>THINK</u>: How many have more than one answer?

Further examples

less	ment	ful	ness
end	govern	success	aware
use	develop	use	dark
home	manage	help	weak
hope	move	wonder	sick
help	depart	power	fit
harm	agree	care	sad
point	treat	hand	good
care	state	pain	kind
fear	invest	peace	fair
speech	pay	dread	bright
spot	punish	delight	mad
mind	**(after a 'y')**	**(after a 'y')**	**(after a 'y')**
(after a 'y')	pay	beauty	happy
joy	employ	mercy	lonely
penny	enjoy	joy	empty
mercy	accompany	play	dizzy

Note

Some words can take more than one of these suffixes.

E.g. joyless, joyful.

Some of these root words can also take several suffixes at the same time.

E.g. peacefulness, carelessness

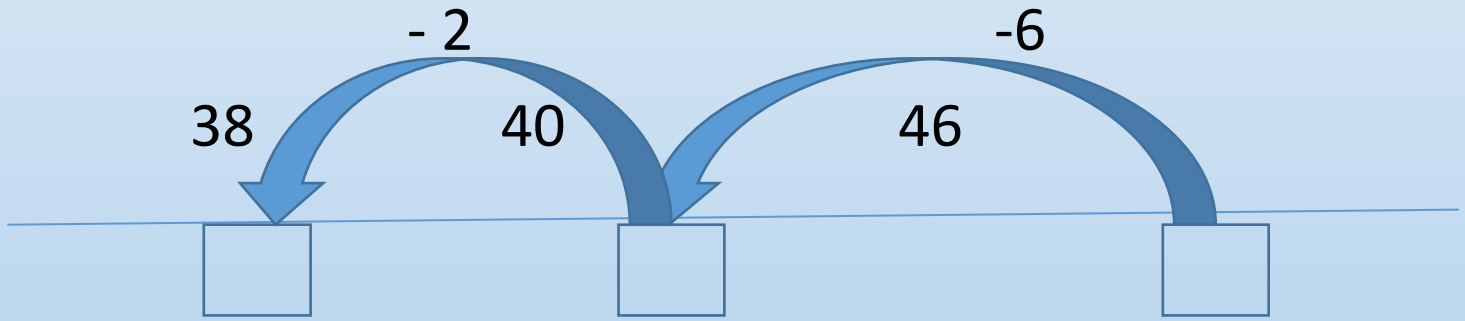
Exceptions

Some root words with one syllable keep the **'y'** before a suffix.

E.g. shyness, dryness.

Recall and use addition and subtraction facts to 20

Calculate 46 – 8. Tom solved this calculation using two jumps on a number line. How did he do it?



Fill in the missing numbers to show your understanding

Adding and subtracting numbers mentally.

6 + 6 + 7.

What is the most efficient way to solve this calculation?

6 + 6 + 6 + 1 - 19

Double 6 = 12
12 + 7 = 19

Adding and subtracting numbers mentally.

103 – 98

What is the most efficient way to solve this calculation?

I counted up from 98 to 100 and then from 100 to 103 giving me my answer of 5

I subtracted 98 from 100 and then added the 3 giving me my answer of 5

Adding and subtracting numbers mentally

27 + ☐ = 40

I knew I would need 3 ones to get to the next multiple of 10 but that only got me to 30 so I needed to add another 10 to get to 40. My answer is 13

☐ -16 = 46

I knew I needed to add the two numbers together so I doubled 6 and added 50 to get to 62

100 - 54 = ☐

I counted up to 60 which was 6 and then 4 tens to get to 100. My answer is 46.
I subtracted 50 from 100 and then subtracted 4 from 50 to get 46

Maths

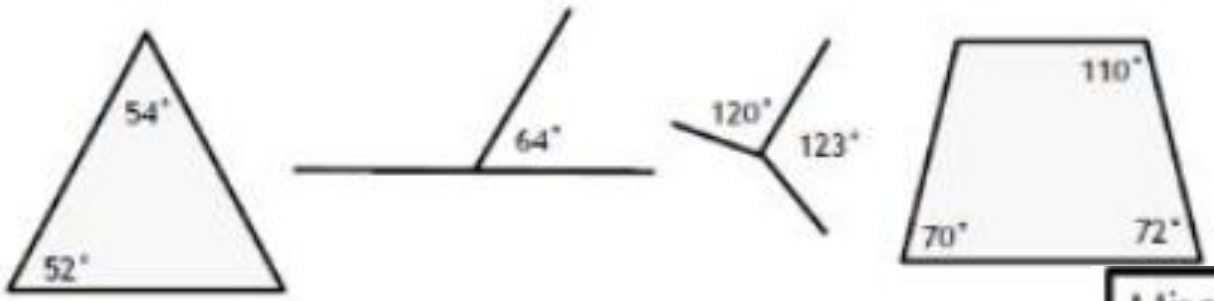
L.O: To identify missing angles in triangles and quadrilaterals.

Today we are going to use our knowledge of angles and look further into the properties of triangles. Your first challenge today is to look at the triangles below. What properties do they have? Are the edges all the same length or different, are all of their angles equal, some or none of them?

Did you know? The angles in a triangle add up to 180° and the angles in a quadrilateral (a 4 sided shape) add up to 360°. Can you have a go at the activity below using this knowledge? You don't have to print this out, you can just look at the questions and write down your answers.

Fluency

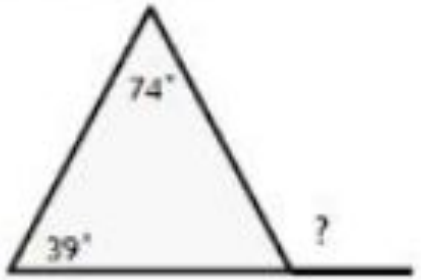
Find the missing angles in each diagram.



Hint: Angles around a point add up to 360 degrees (a full turn).

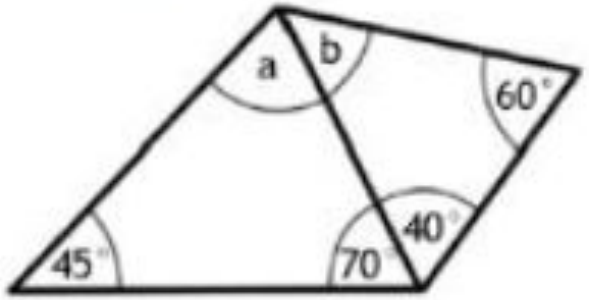
Misconception

Tom says the missing angle is 67°. Do you agree with Tom. Explain why?



Application

Find the angles marked with letter in this quadrilateral



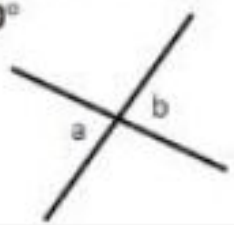
Problem solving

An isosceles triangle has an angle of 36°. What sizes could the other two angles be?

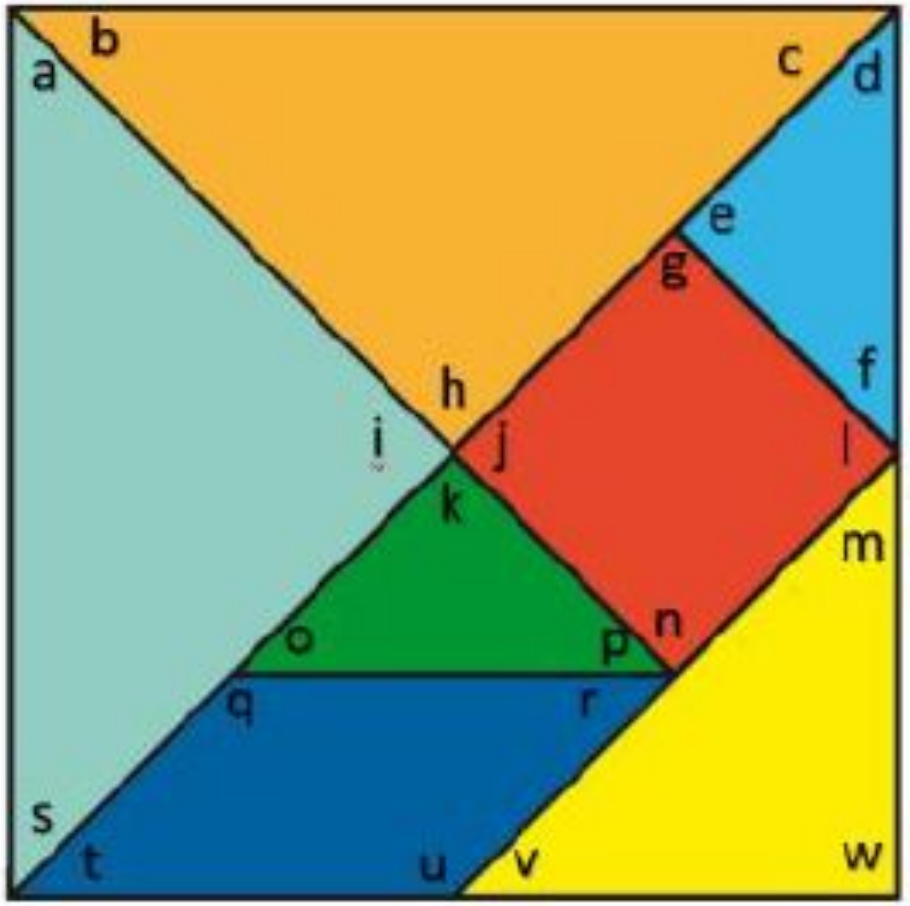
Reasoning

Is the following statement always true, sometimes true, or never true? Explain your answer.

a + b = 180°



If you want a super challenge, have a go at this! You will need you knowledge of triangles for this- remember an equilateral triangle's angles are all equal and each is worth 60°. There are two equal angles in an isosceles triangle and there are 360° in a full turn- this should help! Good luck!



This is a Tangram Puzzle, Can you work out all of the angles made in the puzzle without measuring them?

a =	h =	o =
b =	i =	p =
c =	j =	q =
d =	k =	r =
e =	l =	s =
f =	m =	t =
g =	n =	u =

v = w =

English - L.O. To research an animal from Mexico and write notes.

Today you are going to research an animal from Mexico and write up some notes about it.

Consider your audience when you are researching your creature (children may want to know some funny facts or even some disgusting ones!).

You may want to draw a picture of the creature to go with your non-chronological text.