Home Learning Pack

Year 5
Autumn; Week 5

Home Learning Links

Oak National Academy
Oak National Academy is an online classroom and resource hub. It provides high-quality video lessons and resources to support teachers, parents and pupils.
www.thenational.academy

BBC Bitesize
With BBC Bitesize it is easy to keep learning at home. You can access regular daily lessons in English, maths and other core subjects.
https://www.bbc.co.uk/bitesize

World Book Online
World Book online have just made their fabulous collection of over 3,000 e-books and audiobooks available for free for children to access at home. They have books suitable for all ages. Click on the following link to access them.
https://worldbook.kitaboo.com/reader/worldbook/index.html?usertoken=Mjk5MzQ6MTpJUjA5MjAxNjoyOmNsaWVudDE2OTc6MTY5NzoyMjE2Mjg4OjE6MTU4NDM4MDExMzA2Mjp1cw%3D%3D

Read Works.org
Read Works offers access to 3000+ comprehension for all age groups. Just sign up for a free account to access fantastic texts.
https://www.readworks.org/

Tutortastic
An online platform with tutorials and videos for home learning.
https://www.tutortastic.co.uk/blog/homelearning

Education Quizzes
A series of short quizzes for children to complete related to the National Curriculum subjects. Just select KS1 for Reception, Year 1 & Year 2 and select KS2 for Years 3-6.
https://www.educationquizzes.com/ks1/

Top Marks
A range of activities here but especially good interactive activities for maths.
https://www.topmarks.co.uk/

Classroom Secrets
Classroom Secrets Kids is offering free access to everyone until the end of April 2020. The platform is aimed at primary aged children and covers subjects such as maths, reading, grammar and spelling. The platform is really child-friendly so that they're able to access it on their own. There are a load of games and interactive activities from phonics to SATs
https://kids.classroomsecrets.co.uk/

National Geographic
National Geographic is a great platform for learning and it's totally free. There are online games, resources and competitions, too.
https://www.natgeokids.com/uk/teacher-category/primary-resources/

Reading Eggspress

Reading Eggspress has lots of reading activities including comprehension and retrieval questions to have a go at. Your child's Username and Password should be written in his Homework Book.
https://readingeggspress.co.uk/?_ga=2.107706762.961348329.1601363904-660844018.1598947512

We have been learning about division this week, mostly looking in-depth at partitioning and we will transition into using the short method for division. Here are some great maths games to play on Laptops or iPads.
https://www.topmarks.co.uk/Search.aspx?q=division

Times Tables Rockstars
This is a great times tables game, practice all of the tables up to 12 x 12. Log- in should be in Homework book/ Reading diary.
https://ttrockstars.com/

Monday
Maths

▲ **A. 40 x 8 =**

■ **B. 483 + 835 =**

▲ **C. 61 + 30 =**

■ **D. 21 x 8 =**

The hamsters are growing!
Sheet 1

Work out how much each hamster has grown.

Hamster	Length in September	Length in October	Growth
Hammy	6.7cm	8.2cm	
Charlie	5.4cm	6.8cm	
Cinnamon	7.6cm	10.5cm	
Paloma	4.8cm	5.3cm	
Nibbles	6.1cm	8.7cm	
Eric	8.5cm	11.8cm	
Marvin	6.8cm	9.4cm	

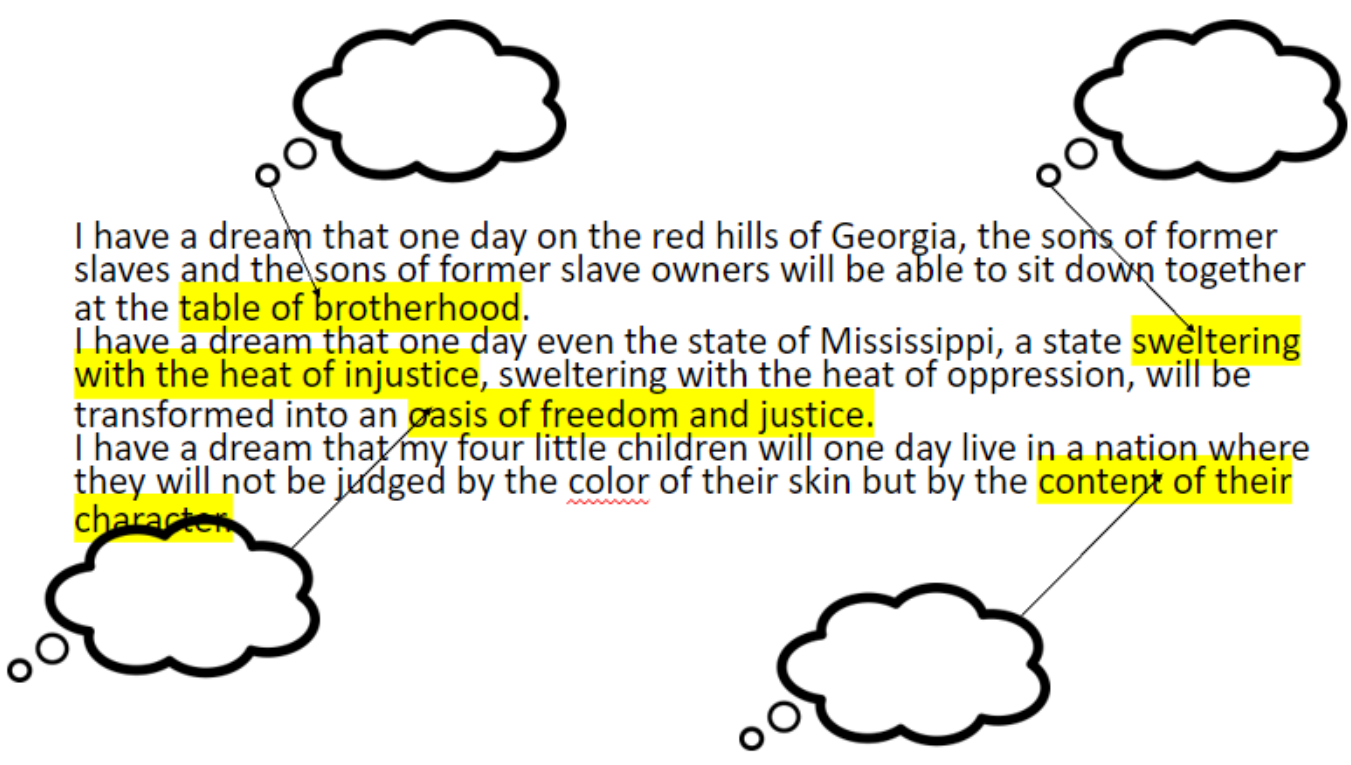What is the difference between the greatest growth and the least growth?

English

LO: To investigate key words in a speech

I have a dream that one day on the red hills of Georgia, the sons of former slaves and the sons of former slave owners will be able to sit down together at the table of brotherhood.
I have a dream that one day even the state of Mississippi, a state sweltering with the heat of injustice, sweltering with the heat of oppression, will be transformed into an oasis of freedom and justice.
I have a dream that my four little children will one day live in a nation where they will not be judged by the color of their skin but by the content of their character.

Main Activity

Powerful words/statements

Good speeches use powerful words and phrases to encourage strong emotions in the listener.

Using Dr King's speech, locate and record 3 powerful words or statements that would evoke strong emotions.

Challenge: Explain why you think these are good examples of emotive language.

Here's mine

I have a dream that one day on the red hills of Georgia, the sons of former slaves and the sons of former slave owners will be able to sit down together at the table of brotherhood.
I have a dream that one day even the state of Mississippi, a state sweltering with the heat of injustice, sweltering with the heat of oppression, will be transformed into an oasis of freedom and justice.
I have a dream that my four little children will one day live in a nation where they will not be judged by the color of their skin but by the content of their character.

'...sweltering with the heat of injustice...' This is emotional because he makes injustice appear very hot and uncomfortable. I would not like to feel like that.

PE

Practise your throwing skills. Find a ball and with one of your hands point towards where you want your ball to go, hold your throw arm behind your head and throw the ball, twisting your body to where you want your ball to go.

Tuesday
Maths

A. 212 ÷ 8 =	B. 876 + 227 =
C. 67 + 40 =	D. 60 x 8 =

Cindy's younger brother Tim's best jump before today was 1.89m, but today he jumped 2.15m. How much further did he jump today?

2.15m	
1.89m	?

Athletic differences
Sheet 1

Find the improvement for each event.

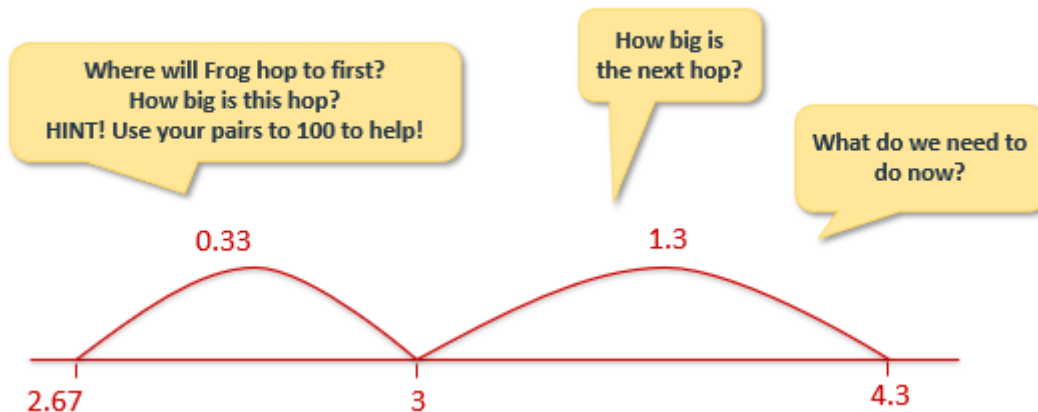| Event	Last week	This week	Improvement
Javelin	8.7m	10.2m	
Long jump	2.87m	3.04m	
Standing jump	1.45m	1.76m	
High jump	1.23m	1.48m	
100 m	16.7s	15.8s	
200 m	36.4s	34.8s	

Art

If you have Play-Doh, sculpt your own pot. This pot should be in the design of your A4 drawing of your pot.

If you have not got any Play-Doh, get an A4 piece of paper and draw your pot with the design of one of the twelve tasks that Hercules completed.

Wednesday
Maths

- 4.3 − 2.67
- Draw a line from 2.67 to 4.3.

Where will Frog hop to first?
How big is this hop?
HINT! Use your pairs to 100 to help!

How big is the next hop?

What do we need to do now?

0.33   1.3

2.67   3   4.3

Subtract pairs of numbers with one or two decimal places
Sheet 2

1. 6.3 - 5.7

2. 7.4 - 3.8

3. 5.56 - 4.97

4. 6.03 - 5.86

5. 5.25 - 4.79

6. 8.21 - 7.65

7. 9.46 - 7.82

8. 6.35 - 3.83

9. 6.2 - 5.85

10. 9.3 - 5.67

11. 8.24 - 5.8

12. 6.36 - 4.7

13. 9.3 - 4.46

14. 9.42 - 4.8

Challenge

Choose a 1 decimal place number with consecutive digits e.g. 5.4. Reverse the digits (so 4.5) and add another decimal place e.g. 4.56. Subtract the smaller from the larger number i.e. 5.4 - 4.56. Note the answer. Repeat with 2.1 - 1.23 and 3.2 - 2.34 and 6.5 - 5.67. Try others. Discuss with a partner why you think the tenths digit in the answer is as it is?

Problem solving and reasoning questions
Choose how to subtract 3.45 from 6. Explain your choice of method. Check your answer using addition.
True or false?

- 1.5 – 0.75 is $^3/_4$

- 6 – 3.38 > 2.5

- When you subtract a number with 2 decimal places from a whole number, the answer must have 2 decimal places.

Write the missing numbers:
4.65 – [_____] = 3.8
[_____] + 2.43 = 4
8.17 – 4.4 = [_____]

English

Handwriting:

ly ly ly ly

Definitely, probably, merrily.

Add an imperative verb to the sentences so that they make sense:

1. _____ your hand up to ask a question.

2. _____ the mixture from the bowl into the baking tin.

3. Gradually, _____ in the chocolate and butter until the mixture is smooth.

4. _____ the brownies cool completely. Then, _____ into rectangles.

Challenge: Write your own sentences that include imperative verbs. For each sentence, underline the imperative verb you have used.

Reading Skills

Let us not wallow in the valley of despair, I say to you today, my friends.
And so even though we face the difficulties of today and tomorrow, I still have a dream. It is a dream deeply rooted in the American dream.
I have a dream that one day this nation will rise up and live out the true meaning of its creed: "We hold these truths to be self-evident, that all men are created equal."
I have a dream that one day on the red hills of Georgia, the sons of former slaves and the sons of former slave owners will be able to sit down together at the table of brotherhood.

1. 'valley of despair' - What does the author mean by this phrase?
2. Why does the author use the term 'American dream'?
3. Find 1 word in the text that is a synonym for 'same'
4. What colour are the hills in Georgia?
5. 'sons of former slaves and the sons of former slave owners' Who is the auther referring to?

LO: To understand what makes a speech effective

In English we will be looking at 'I have a Dream' by Martin Luther King.

Let us not wallow in the valley of despair, I say to you today, my friends.

And so even though we face the difficulties of today and tomorrow, I still have a dream. It is a dream deeply rooted in the American dream.

I have a dream that one day this nation will rise up and live out the true meaning of its creed: "We hold these truths to be self-evident, that all men are created equal."

I have a dream that one day on the red hills of Georgia, the sons of former slaves and the sons of former slave owners will be able to sit down together at the table of brotherhood.

I have a dream that one day even the state of Mississippi, a state sweltering with the heat of injustice, sweltering with the heat of oppression, will be transformed into an oasis of freedom and justice.

I have a dream that my four little children will one day live in a nation where they will not be judged by the color of their skin but by the content of their character.

I have a dream today!

I have a dream that one day, down in Alabama, with its vicious racists, with its governor having his lips dripping with the words of "interposition" and "nullification" -- one day right there in Alabama little black boys and black girls will be able to join hands with little white boys and white girls as sisters and brothers.

I have a dream today!

I have a dream that one day every valley shall be exalted, and every hill and mountain shall be made low, the rough places will be made plain, and the crooked places will be made straight; "and the glory of the Lord shall be revealed and all flesh shall see it together."[2]

This is our hope, and this is the faith that I go back to the South with.

With this faith, we will be able to hew out of the mountain of despair a stone of hope. With this faith, we will be able to transform the jangling discords of our nation into a beautiful symphony of brotherhood. With this faith, we will be able to work together, to pray together, to struggle together, to go to jail together, to stand up for freedom together, knowing that we will be free one day.

And this will be the day -- this will be the day when all of God's children will be able to sing with new meaning:

My country 'tis of thee, sweet land of liberty, of thee I sing.

Land where my fathers died, land of the Pilgrim's pride,

From every mountainside, let freedom ring!

And if America is to be a great nation, this must become true.

And so let freedom ring from the prodigious hilltops of New Hampshire.

Let freedom ring from the mighty mountains of New York.

Let freedom ring from the heightening Alleghenies of Pennsylvania.
Let freedom ring from the snow-capped Rockies of Colorado.
Let freedom ring from the curvaceous slopes of California.
But not only that:
Let freedom ring from Stone Mountain of Georgia.
Let freedom ring from Lookout Mountain of Tennessee.
Let freedom ring from every hill and molehill of Mississippi.
From every mountainside, let freedom ring.
And when this happens, when we allow freedom ring, when we let it ring from every village and every hamlet, from every state and every city, we will be able to speed up that day when all of God's children, black men and white men, Jews and Gentiles, Protestants and Catholics, will be able to join hands and sing in the words of the old Negro spiritual:
Free at last! free at last!
Thank God Almighty, we are free at last!

Read through the speech and choose 5 devices that make this speech effective to the audience.

Science

Phases of the Moon

- https://www.bbc.co.uk/programmes/p00n6zhl

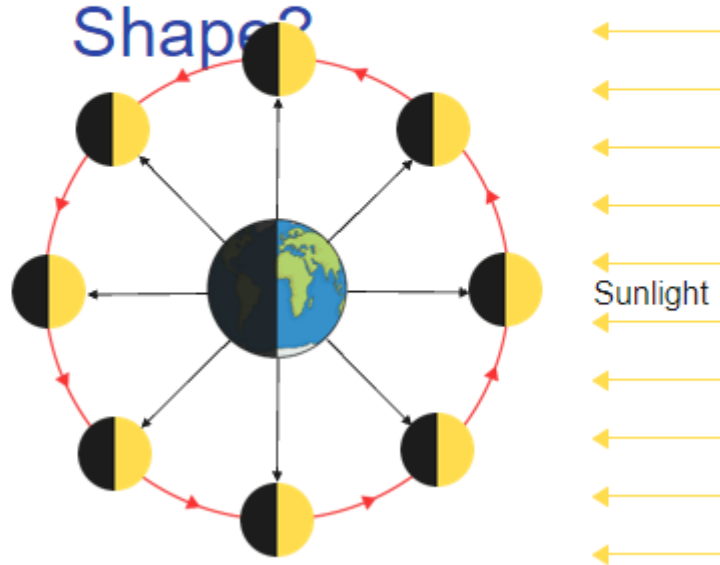Shapes of the Moon

Full Moon

New Moon

Crescent

Gibbous

Why Does the Moon Appear to Change Shape?

The Moon reflects the Sun's light.

What part we see of the Moon depends on where the Moon is when orbiting the Earth.
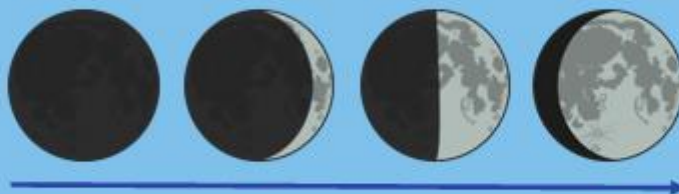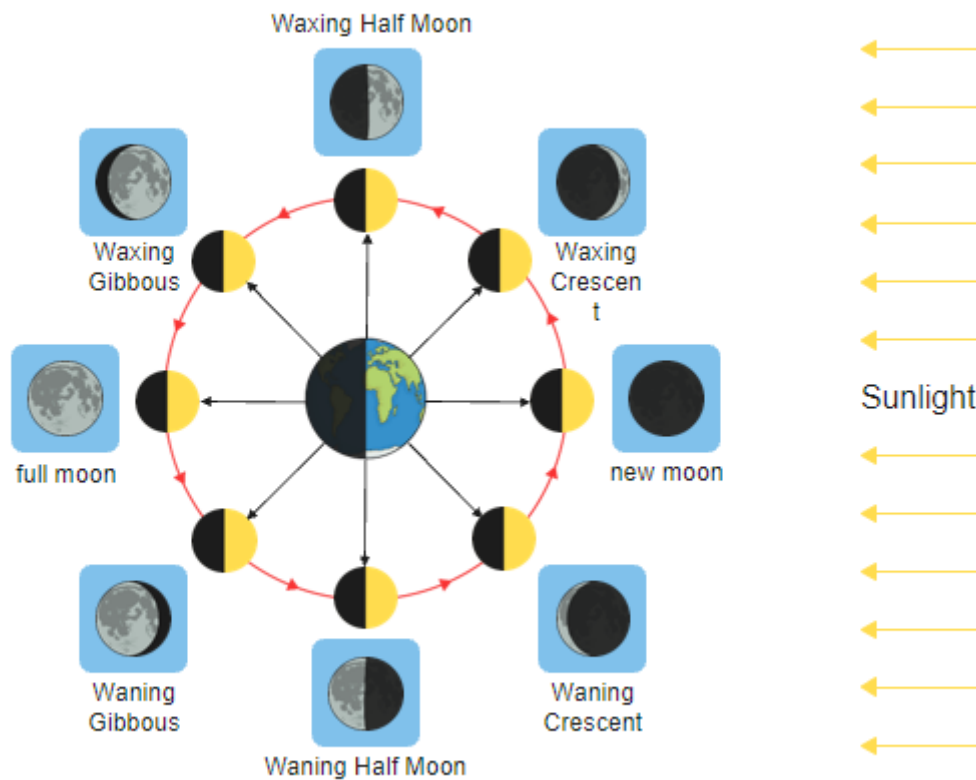
Sunlight

Waxing and Waning

Waning means that we can see less of the Moon.

Waxing means that we can see more of the Moon.

Waxing Half Moon

Waxing Gibbous

Waxing Crescent

full moon

new moon

Waning Gibbous

Waning Crescent

Waning Half Moon

Sunlight

Main Activity

Research the Lunar phases. Create a leaflet explaining why the Moon appears to change shape.

Make sure to include:

- A title

- Facts

- Interesting pictures

- Each of the main phases of the Moon

Thursday

Maths

A. $\frac{2}{5}$ of 15 =	B. 31 x 8 =
C. 70 x 8 =	D. 832 – 200 =

On board practice
Sheet 1

1. 2357 + 1428   2. 4374 + 2183   3. 5643 + 2942   4. 3750 + 2834

5. 7543 + 3251   6. 4638 + 2709   7. 2378 + 4284   8. 8328 + 4127

9. 6753 + 3842   10. 2756 + 3784   11. 4278 + 3746   12. 8657 + 5846

Write three additions with totals between 7000 and 8000. All digits must be different.

English

Handwriting:

ily, ily, ily, ily

Antonyms:	Prefix:	Root word:	Suffix:

Synonyms:	Word: **oppression**	Etymology:

Definition:

Sentences:

oppression

[əˈprɛʃ(ə)n] 🔊

NOUN

oppression (noun) · *oppressions* (plural noun)

prolonged cruel or unjust treatment or exercise of authority.
"a region shattered by oppression and killing"
synonyms: persecution · abuse · maltreatment · ill treatment · tyranny · despotism · repression ·
suppression · subjection · subjugation · enslavement · exploitation · cruelty · ruthlessness ·
harshness · brutality · injustice · hardship · misery · suffering · pain · anguish · wretchedness
antonyms: freedom · democracy

- the state of being subject to oppressive treatment.
"a response to collective poverty and oppression"
synonyms: persecution · abuse · maltreatment · ill treatment · tyranny · despotism · repression ·
suppression · subjection · subjugation · enslavement · exploitation · cruelty ·
ruthlessness · harshness · brutality · injustice · hardship · misery · suffering · pain ·
anguish · wretchedness
antonyms: freedom · democracy

- mental pressure or distress.
"Beatrice's mood had initially been alarm and a sense of oppression"

Origin

Middle English: from Old French, from Latin oppressio(n-), from the verb opprimere (see oppress).

Main Activity
Write a speech about littering.

Your speech must be 2-3 paragraphs and cover much of the language and features in a persuasive piece of writing as well as a speech.

Things to include:

What do we know about littering?

Why is it bad?

What can it cause?

Record some ideas on a whiteboard.

- Introduction – engages the audience – **Stop littering NOW!**
- Use of a 'catchy' phrase to stick in memory
- Short, sharp sentences or imperative commands – **You must, I will,...**
- Use of repetition
- Vocabulary and ideas that appeal to the audience – **'dream, nation, ...'**
- Rule of Three: repetition of a phrase three times helps it to slip into the memory.

Drama

Act out this scene.

Year 5 Diwali Assembly

Good morning everyone and Welcome to Hares/Badgers assembly. We hope you enjoy our assembly and learn lots about

cultural celebrations. Sit back, relax and enjoy!

[3 children at the front of the floor area:]

C1- : Long, long ago and far, far away in the ancient land of India.

C2- : a poem has been told over and over again. 24,000 verses of heroes, villains, good, evil, life, love and death.

C3- : The poem, a most sacred text dating back 5,000 years has been retold many times and is still told today…

C1- : Let us take you on a journey back in time to and tell you the story of Ramayana, and how the Hindu festival of Diwali came to be

C2- : the story of Rama and Sita.

C3- : heroes and villains, good and evil, life, love and death.
Exit stage.

SCENE 1:
Narrator 1- : Ravana was a powerful ten-headed demon king who lived on the island of Lanka. He had a sister called Surpanakha and she was as scary looking as Ravana!

Ravana - : Sister why are you looking so….odd?

Surpanakha looks quite soppy and silly.
Surpanakha- : I'm in love!

Ravana- : How can *YOU* be in love?

Surpanakha- : Well I am!

Ravana- : Who with?

Surpanakha- : With Rama the eldest son of King Dashratha! He's wonderful!

Ravana looks furious at the mention of Rama's name.
Ravana- : Then, my sister, we must make sure that you have what your heart desires and then I can have my revenge on Rama.
Exits stage dramatically. Surpanakha follows and sits.

Narrator 2- : Surpanakha desperately wanted Rama to marry her but he was already married to a beautiful woman name Sita.

Narrator 1- : I suppose we should really explain the reason why Ravana was so angry with Rama. You see it all began with Sita's father…. Here he is ….
Signals towards Sita's Father as he enters with Sita. Approaches audience as if he is announcing to them.

Sita's Father- : People of my beautiful country, the time has come for my daughter Princess Sita to marry. I invite all princes, kings and noblemen to compete for her hand in marriage. Anyone who can bend this bow, string it and fire an arrow from it may marry my daughter.
Stands next to daughter.

Narrator 2- : Well many had tried and many had failed. Then one day Ravana arrived. He had seen Sita long ago and had himself fallen in love with her. ***Now***, he was determined to make her his wife. ***Ravana enters, Sita looks shocked, hides behind her father and covers her face.***

Narrator 3- : Sita was not so keen on the idea – she did not want to marry the ten-headed demon king. Just the sight of him terrified her!
Sita looks terrified.

Sita: Please, Father. Not Ravana!

Narrator 4- : Ravana picked up the bow and easily bent it, strung it and fired and arrow high into the air. ***Ravana mimes this.***

Ravana- : Now, Sita, you must become my wife! Put the marriage garland around my neck and we will leave for my island of Lanka immediately!
He tries to make a grab for her but she dodges out of the way.

Sita- : Never – I refuse. I cannot marry anyone as hideous as you! I will never give my garland to you.
Two soldiers appear and protect her from Ravana. He backs off.

Ravana- : I will go…for now… but this is not the last time we will meet – *I WILL* make you my wife!
Ravana storms out. Rama comes in on the opposite side of the stage.

Narrator 3- : Luckily for Sita the next person to try and use the bow was much more to her liking!

Narrator 4- : When she saw him her heart leapt and she truly hoped he could succeed with the bow.

Narrator 3- : Here he is. His name was Rama, the eldest son of King Dashratha.

Narrator 4- : Hang on… isn't he the one that Ravana's sister fell in love with?

Narrator 5- : Absolutely right but, for now, let's just enjoy the romantic scene.

Friday

Maths

| ▲ A. 7 + 8 + 7 = | ■ B. ? = 543 + 598 |
| ■ C. 8 x ? = 136 | ▲ D. 90 x 8= |

Adding pairs of 5-digit numbers
Sheet 2

Find the total number of website hits on each day.

Day of the week	am	pm	Total number of hits
Sunday	36,432	57,478	
Monday	19,758	24,642	
Tuesday	21,427	32,846	
Wednesday	16,375	25,342	
Thursday	18,631	26,492	
Friday	17,563	42,869	
Saturday	33,642	58,567	

Problem solving and reasoning questions

Fill in the missing digits:
Write an addition of two 5-digit numbers using the digits 4, 5 and 6 where the answer is 70,000.

What mistake has Tom made in this addition?

$$36,842 + 8543 = 3,141,385$$

French

There are at least **1700** words which
are the same in English and in French.

Words which are the same in two languages are called

COGNATES

le restaurant

la pizza

le foot

excellent

intelligent

la télévision

Watch the video. Pick out any words you think we will be focusing on this term?

https://www.bbc.co.uk/teach/class-clips-video/french-ks2-favourite-hobbies/z4hxpg8

All French nouns are either masculine or feminine. The definite article le (masculine) or la (feminine) mean 'the'. If the noun starts with a vowel le / la is changed to l' to make it easier to pronounce. When we say which sports we like or dislike we also have to include le or la.

Research online – what are these activities in English?