



HILL WEST
Primary

FOUR OAKS

Home Learning Pack

Year 5;

Autumn 1 Week 6



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

L.O. Add amounts of money using column addition.



$$\text{A. } 300 \div 50 =$$



$$\text{B. } 2384 + 5313 =$$



$$\text{C. } 400 \times 6 =$$



$$\text{D. } 56 \times 5 =$$

1. £24.32 + £14.63

2. £34.25 + £27.43

3. £41.48 + £35.26

4. £24.19 + £17.26

5. £46.25 + £23.94

6. £34.83 + £24.52

7. £64.50 + £23.75

8. £51.90 + £44.69

9. £27.58 + £24.80

10. £24.78 + £14.65

11. £38.60 + £27.45

12. £35.78 + £25.45

13. £12.45 + £23.59 + £15.27

14. £24.67 + £14.25 + £16.45

15. £15.79 + £23.45 + £9.85

English

Handwriting:

ity, ity, ity, ity

LO: To identify unfamiliar words in a text.



Extract 1: 1955 was a big year - for Katherine and the rest of the world. But at the time she didn't know that it was going to change her life forever. On 29th July 1955 the USA told the world that it was going to launch artificial satellites into space to orbit the Earth. This was massive news!

Only four days later the USSR announced that it too was going to launch satellites into space in the near future. Relations between the two countries grew more than a little tense. This started what is called the space race, which properly kicked off two years later. On 4th October 1957 the USSR launched Sputnik, the first satellite to orbit the Earth. It orbited the Earth for three weeks until its batteries eventually ran out, but it kept going for

another two months before tumbling down into the Earth's atmosphere. It burst into flames, crashing down to Earth as a fireball close to where it was first launched.

Next, the Russians set their sights on sending a human into space, and the man for the job was called Yuri Gagarin. Before he could take on this huge once-in-a-lifetime mission, he had to train for years. Meanwhile, the American government wasn't too happy that the Russians had aced the Sputnik mission, so they kept trying to prove that they were bigger, better and stronger than the USSR. However, America had some catching up to do, and fast.

While governments fought and experts paced up and down wondering what to do next, Katherine was working away at the maths needed to get people to and from space. Not long after the launch of Sputnik, Katherine published a document that made it clear that America was ready to have a go at space travel. To make it even clearer, NACA became NASA on 29th July 1958. Now the National Aeronautics and Space Administration, it became a space agency with a mission to send people into Earth's orbit and beyond.



Main Task: Finding the right language.

1. Find and copy a word that is similar in meaning to *reveal*.
2. What does the word *aced* mean in the text?
3. Give **two** things that the word *tense* suggests
4. Which word most closely matches the meaning of the word *paced*?
5. What does the phrase '*Once-in-a-lifetime*' tell you?

Challenge: Can you think of 3 synonyms for the word '*Launched*'.

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 throwing arm behind your head and throw the ball, twisting your body to where you want your ball to go.

Then practise your under arm throw. Throw the ball in the air and try to catch it with one hand. Once you feel confident with this, try catching it with your weaker hand.

Tuesday

Maths

L.O. Add amounts of money using column addition; Use rounding to check answers.



$$A. 87 \times 6 =$$



$$B. 8 + 3 + 3 =$$



$$C. 4594 - 1378 =$$



$$D. 3 \times 600 =$$

Find pairs of items with a total price of under £50.
How many can you find?



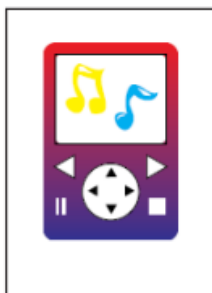
£23.49



£11.89



£12.56



£36.75



£18.25

English

Handwriting:

ity, ity, ity, ity

Community, possibility

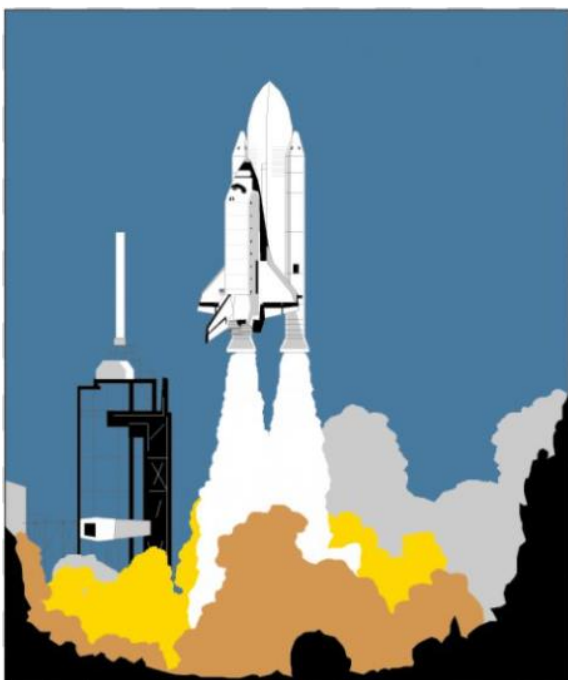
LO: To identify fact and opinion.

Pre-Task (Modelled)

'1955 was a big year - for Katherine and the rest of the world. But at the time she didn't know that it was going to change her life forever. On 29th July 1955 the USA told the world that it was going to launch artificial satellites into space to orbit the Earth. This was massive news!'

Identify one fact and one opinion from this extract.

Read Extract 2



Extract 2: Katherine soon met a man named John Glenn, who was to make his journey to space in a rocket called Friendship 7. By this point Katherine had already proved that she was a master of numbers, so John knew he could trust her completely. While he trained, Katherine worked hard calculating how to get him into space and back home again.

As he was to become the first American to orbit the Earth and Katherine was to become the woman who would get him there, they both had very important work to do.

1962 came and Friendship 7 was ready and waiting to be fired into Earth's orbit. The mission

was huge, and more than a little nerve-racking for everyone involved. NASA had lots of different experts watching John during his mission to make sure that he was safe. Back on Earth, Katherine was running the show. There was a lot of pressure on them both! But John trusted Katherine, believing in her amazing ability to move numbers around in her brain. Before boarding the rocket, he said: 'Get the girl, check the numbers. If the numbers are good, then I'm ready to go.'

Katherine's calculations got the rest of the Mercury Seven into space too, but she wasn't finished yet.

The success of John Glenn's mission was a huge victory for the USA. The space race with the USSR was heating up. Ambitions now soared much higher than the Earth's orbit, and Katherine started work on a project that would be the highlight of her career at NASA - Apollo 11, the moon landing of 1969.

Katherine had been researching the maths that it would take to get people to the moon, and with every breakthrough she made, the idea became more of a reality.

Finally, in 1969, the time came. Apollo 11 was the mission that carried Neil Armstrong, Buzz Aldrin and Michael Collins to space, and on to the moon.

The astronauts were launched in a rocket called Saturn V from the Kennedy Space Center in Florida on 16th July 1969. And by ten o'clock in the morning the three men were circling around the Earth. At a time when most Americans were having breakfast, three humans were on their way to the moon for the first time!

Main Task: Identifying facts and opinions

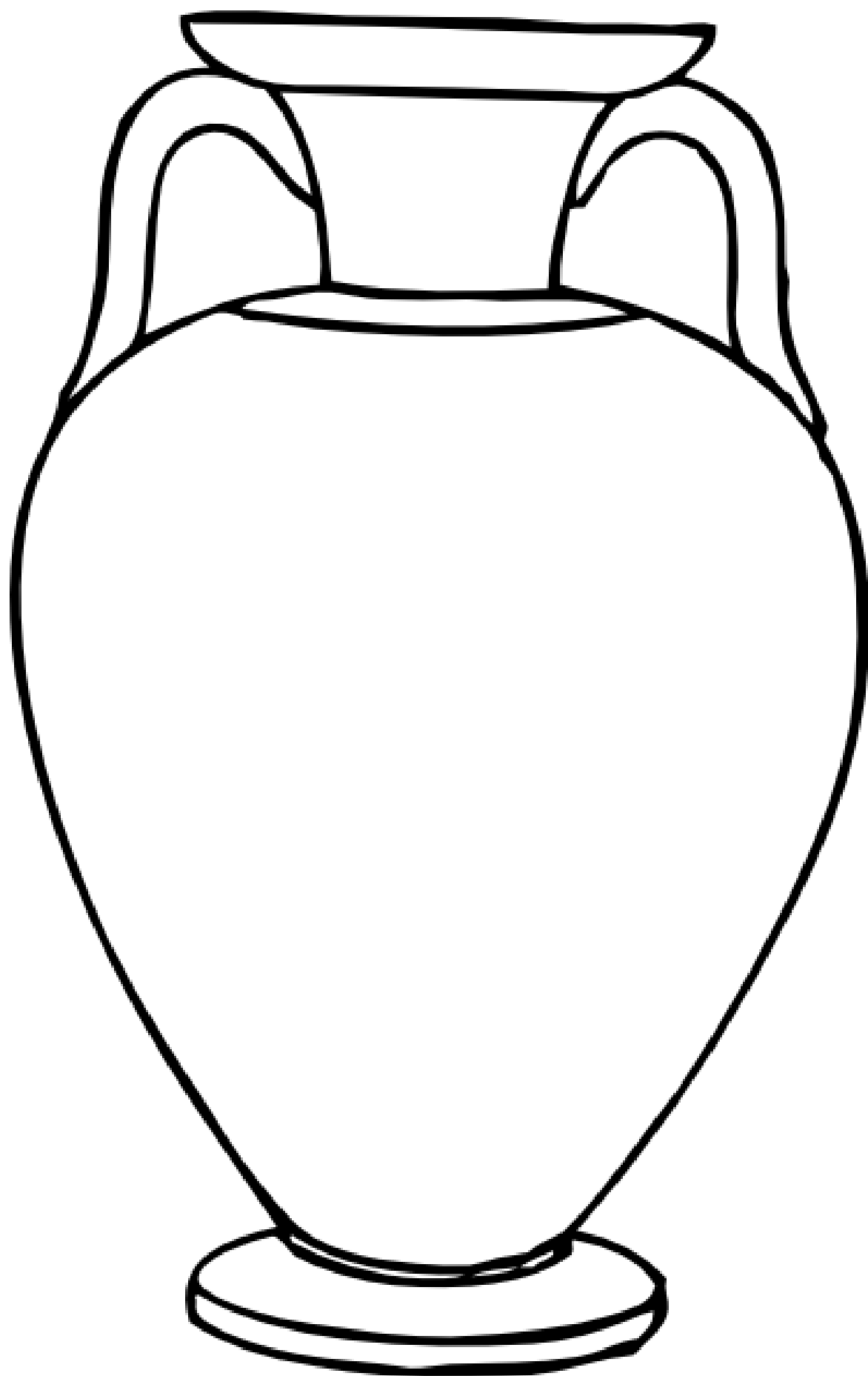
In Extract 2: Identify 5 facts and 5 opinions.

Facts	Opinions
1.	1.
2.	2.
3.	3.
4.	4.
5.	5.

Challenge: What 2 questions would you ask Katherine?

Art

Design your Greek pot. Then paint your pot's background colour.



Wednesday


Maths

L.O. Find change from £20, £50 and £100 using counting up (Frog).

 A. $1765 + 7683 =$

 B. $600 \times 7 =$

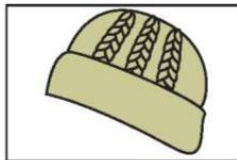
 C. $258 \div 8 =$

 D. $600 \div 60 =$

Find the change from £50 for each of these items.



£34.89



£11.89



£27.75



£42.57



£38.45



£35.28



£44.35

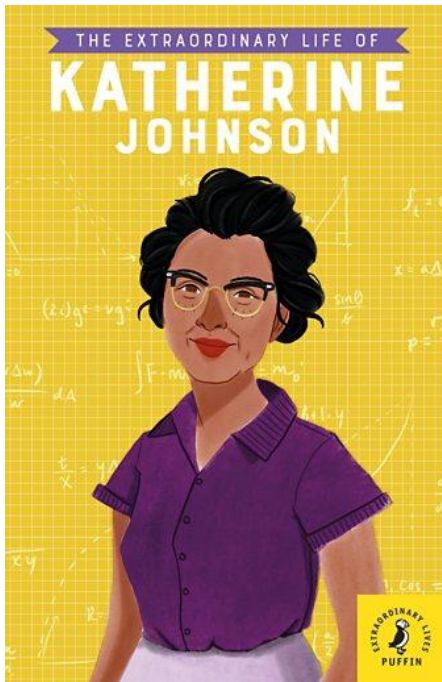


£23.79

English

Reading Skills

Read both Extract 1 and 2



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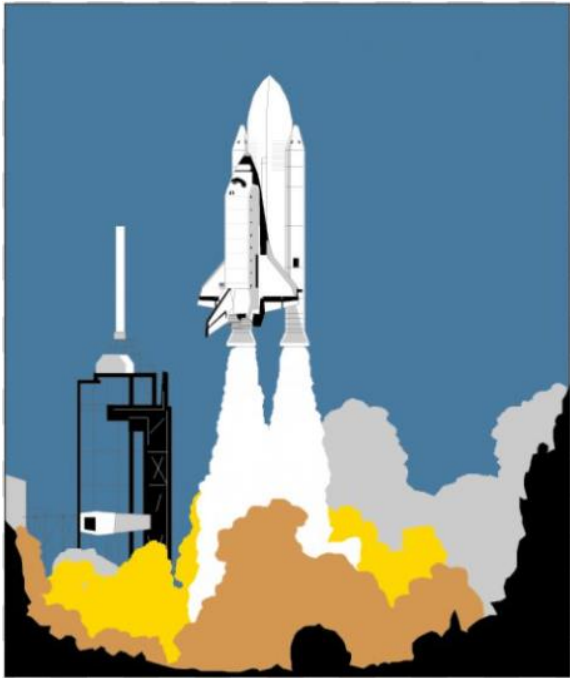
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Main Task: Order the events of the text.

- Can you order these events based on when they happened in the story?

Katherine published a document saying that the USA was ready for space travel.	
NASA started work on Apollo 11.	
The USA announced it was going to launch artificial satellites.	
Katherine meets John Glenn.	
The first satellite orbited the Earth.	
Friendship 7 orbited the Earth.	
Saturn V launches from the Kennedy Space Center.	

Challenge: What do you think happened after Apollo 11 launched?

•LO: To research an event.

Main Task: Time to do your own research

- Complete your own research using the links below on iPads.
- • <https://www.dkfindout.com/uk/space/moon-landings/>
- <https://www.bbc.co.uk/newsround/48789792>
- • https://kids.kiddle.co/Moon_landing
- Write-up any information that will be useful, these include facts and quotes from the time.

Computing

Computing - Systems

A bike is a system, which when operated in the right order can propel a rider forward. Can you label the parts which make up the system of this bike? What is the sequence of events needed to propel the rider forward?

Thursday

Maths

L.O. Find a difference between two prices using counting up (Frog).



$$\text{A. } 900 \times 4 =$$



$$\text{B. } 78 + 50 =$$



$$\text{C. } ? \div 8 = 496$$



$$\text{D. } 4329 + 4329 =$$

Item	Price on website A	Price on website B	Difference in price
Wired headphones	£35.45	£28.79	
Wireless headphones	£75.49	£94.38	
32 GB Memory stick	£24.39	£19.45	
Gaming mouse	£48.75	£52.65	
Gaming keyboard	£72.45	£57.39	
Graphics tablet	£98.67	£69.62	
Console controller	£42.35	£28.72	

English

THE MOON LANDING

The historic event captivated the world—and helped people look to the future. On July 20, 1969, millions of people gathered around televisions to watch two U.S. astronauts do something no one had ever done before. Wearing bulky space suits and backpacks of oxygen to breathe, Neil Armstrong and Edwin “Buzz” Aldrin became the first human beings walk on the moon.

After the two stepped onto the lunar surface, Armstrong proclaimed these famous words: “That’s one small step for a man, one giant leap for mankind.”

SPACE RACE

Humans were only able to make that small after several other space firsts happened. In the first artificial satellite, Sputnik 1, was launched into space by Russia. The United States launched several satellites of their own afterward. Both countries hoped to be the first to send a human into space. It wasn’t until 1961 that a person went to space: On April 12, Russia’s Yuri Gagarin became the first. Less than a month later the United States’ Alan Shepard became the first American in space. Following these milestones, President John F. Kennedy issued a challenge to the National Aeronautics and Space Administration (NASA) to put a human on the moon in 10 years or less.

NASA went to work. On July 16, 1969, the spacecraft Apollo 11 prepared to launch a crew of three astronauts into space ... and the history books.

MOON WALK

NASA officials selected Neil Armstrong, Buzz Aldrin, and Michael Collins as the astronauts who would make the historic trip from Earth on Apollo 11. Just four days after launching from Kennedy Space Centre in Florida, the spacecraft neared the moon’s surface.

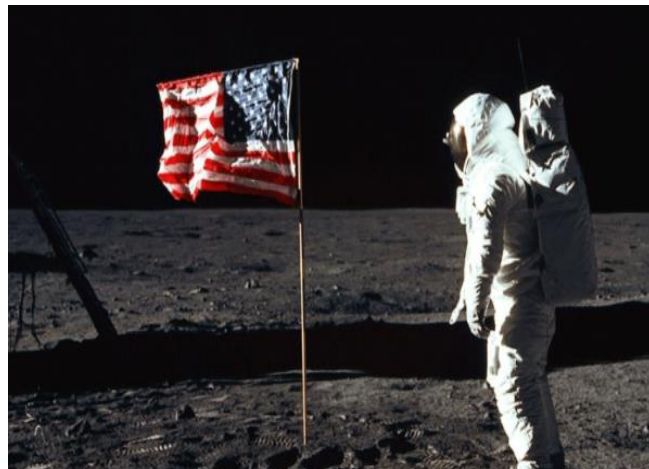
Before touching down, the three men split up. Collins boarded Apollo 11’s command module, the Columbia, where he would remain in orbit around the moon. Armstrong and Aldrin boarded Apollo 11’s lunar module, the Eagle, and began to descend to the moon’s surface.

The Eagle made a risky landing in a shallow moon crater named the Sea of Tranquility. (Most people watching the landing on TV didn’t know that the Eagle had only 20 seconds of landing fuel left at this point.) Armstrong and Aldrin looked out the windows of the module at the lifeless and barren lunar landscape.

After six and a half hours pass, the pair inside the Eagle prepared to exit the module. As mission commander, Armstrong stepped out first ... and became the first person on the moon.

Twenty minutes later, Aldrin climbed down the ladder and joined his partner. After reading a plaque that said they “came in peace for all mankind,” the two planted the United States’ flag on the surface. President Richard Nixon called to congratulate the astronauts.

Armstrong and Aldrin went back to work collecting samples of moon rocks and dust. After over two hours, the astronauts brought 47 pounds back onto the lunar module and prepared to rejoin Collins. It was time to go home.



On July 16, 1969, the spacecraft Apollo 11 prepared to launch a crew of astronauts to the moon ... and into the history books.

their

to

leap

step
1957



Left to right: Astronauts Neil Armstrong, Michael Collins, and Buzz Aldrin.

11.

DOWN TO EARTH

The Apollo 11 crew returned to Earth on July 24, 1969. Over the next several years, 10 astronauts would follow in Armstrong and Aldrin's footsteps. The last mission to the moon was in 1972.

Though humans haven't returned to the moon since, they have continued to explore space. They even built the International Space Station (ISS), a space research station, where they can conduct experiments and study space up close.



Today NASA is working on sending humans to another planet: Mars. Thanks to the Apollo 11 moon landing, NASA is hopeful about its chances. The act of putting three people on the moon—and then safely bringing them back home—proved that successful human exploration in space is possible.

- **LO: To identify the features of a newspaper report.**

MAN ON THE MOON



They've done it!

SPACE SUITS cover them from head to toe, but this is how Buzz Aldrin (left) and Neil Armstrong will appear in the history books—with the craft that took them to the Moon. The picture is of a simulated landing.

AND THE MESSAGE FROM EARTH: WE'RE BREATHING AGAIN!

Man has landed on the Moon. A new era in his history began at 9.18 last night when the lunar module Eagle settled gently on the dusty surface of the Sea of Tranquility. Inside it—Astronauts Armstrong and Aldrin, destined now for a permanent place in history. They immediately began to prepare for their Moon walk. There are still great perils ahead. But these are truly great achievements. America, the land of frontiersmen, has opened up a new frontier.

FULL STORY—SEE BACK PAGE:
THE PATHFINDERS—CENTRE PAGES

Main Task: Evaluate this report

- 1. Write about 2 things you like about this newspaper report.
- Eg: *I like the catchy headline, it made me want to read on.*
- 2. Write about 2 things you did not like about the report.
- Eg: *I don't like the use of the phrase....., because it isn't clear.*
- 3. Write 2 questions you would ask the author of this piece, or one of the characters who is named in the report.
- Challenge: What could your headline be?

Drama

Act out this scene.

Rama bent, strung and shot an arrow from the bow. **Act scene out.** In fact he was so strong he broke the bow in half! Sita gave him her marriage garland! **Act scene out.**

Sita's father comes forward and takes both of them by the hand.

Sita's Father- : We will hold the wedding immediately and the whole country will celebrate.

Dance and Song 'Rama and Sita'.

Narrator 6- : Rama and Sita returned to his father's kingdom where everyone was delighted that he had married, except for one of the king's three wives, Kaikeyi. She wanted her son Bharat to be the next king but with Rama around this was never going to happen.

Everyone greets the pair except Kaikeyi who strides off to the side of the stage in a huff with her maid following. The 'greeters' freeze on the stage.

Maid- : Queen Kaikeyi, what is wrong?

Kaikeyi- : Now that Rama has returned with a wife the King will never agree to my son being king after he has gone.

Maid- : But mistress, don't you remember the promise the king made to you when you saved his life all those years ago?

Kaikeyi- : Of course! He said he would grant me whatever I wished – and now is the time to use that wish!

Maid- : Yes mistress!

The pair looks devious and huddles as if whispering and planning. The King unfreezes on the stage. Kaikeyi immediately looks as if she has been crying.

King D- : Wife – you look sad, whatever is the matter?

Kaikeyi- : *(in a 'cute' voice)* Husband, do you remember the promise you made to me? **He nods.** Well the time has come to make my wish. **He nods again and the queen speaks in a very bossy voice.** I wish...that my son Bharat will be made king after you are gone and that Rama and his wife be sent away to the forest for fourteen years.

King D- : I cannot believe what you are asking me to do! But....a promise is a promise, although it breaks my heart to do this. **He looks so sad while Kaikeyi and her maid silently celebrate – high five..**

Rama and Sita join father, followed by Lakshman, Bharat and others.

Kaikeyi- : Your father has something to tell you Rama! **(She looks very smug.)**

Narrator 5- : As his father explained poor Rama looked so sad but stood up straight and bravely said...

Rama- : Father, I will do as you wish, and I am sure Bharat will be a very good king when you are gone. ***Looks sad but brave.***

Bharat- : But Rama I do not want to be king! I do not understand! ***Looks at his mother.*** Mother, is this your doing? ***Mother nods happily and then looks upset when Bharat says...*** I refuse to be king but I will look after the kingdom until you return.

Suddenly the King clutches at his heart and dies dramatically – two soldiers help him off stage followed by everyone except Bharat, Lakshman, Rama and Sita.

Bharat- : Give me your golden sandals before you leave and I will place them on the throne as a symbol of your power. I will not sit on the throne.

Lakshman- : I will come with you brother, to look after you.

Rama- : Thank you Lakshman. Thank you Bharat. ***(All leave stage)***

Narrator 6- : So Lakshman, Rama and Sita left the city of Ayodhya and went to the forest.

Song and Actions as they leave. After song Narrator 6 says...

Rama and Lakshman built a home out of wood, branches and leaves and Sita looked after them. For a while everything in the forest was happy.

Narrator 7- : But danger was lurking just around the corner in the hideous shape of Surpanakha. ***(She stands up in audience and points at Rama, and rubs her hands together)*** She had seen Rama in the forest and followed him. She leapt out in front of him.

Surpanakha- : Rama! Oh Rama! I am Surpanakha, sister of Ravana, and I want you to marry me! Come away with me to my island home!

Rama- : But I am already married to Sita and I do not wish to marry you.

Surpanakha gets angry and starts stomping about. Sita comes in and Surpanakha starts to chase her around the stage. Lakshman enters and draws his sword. Sita hides behind Rama.

Rama- : Er I cannot marry you...but...my brother Lakshman here is not married – perhaps he would like to marry you! ***She runs over to Lakshman and starts touching him.***

Lakshman- : No way would I marry something as hideous as you! Get away from me you freakish demon!

Narrator 8- : And, as Surpanakha made a grab for poor Lakshman he cut off her nose with one swipe of his sword. The she demon screamed and disappeared into the forest to find her brother Ravana. ***She screams. Rama, Sita and Lakshman leave the stage. Surpanakha stays.***

Narrator 2- : It didn't take her long to find him as she had heard her terrible scream and came running to find out what had happened. She told him how Rama had refused to marry her.

Ravana- : Sister who has upset you?

She nods and says

Surpanakha- : Look what they have done to me!

With her back to the audience she shows him and he pulls a most disgusted face!

Narrator 8- : Ravana made up his mind at that moment to take away from Rama his most precious belonging. He was going to steal his wife away, take her to his island kingdom and force her to be his wife.

Ravana gathers his demons together to give them their orders. Two demons enter doing demon walks.

Ravana- : Demons! Find my friend Maricha and tell him to come to the forest to help me. ***Demons go off stage.***

Narrator 10- : When Maricha arrived Ravana asked him to change into the shape of a golden deer. Then Ravana told him that he was to appear in front of Sita.

Friday

Maths



A. $420 \div 60 =$



B. $? - 3192 = 6792$



C. $300 \times 6 =$



D. $39 \times 6 =$

Problem solving and reasoning questions

Write an addition of three amounts each containing pounds and pence where the total is £50.

Create an addition of two different amounts less than £10 where only the digits 8 and 9 are used. What is the lowest total possible? And the highest?

$\square - £56.72 = £53.28$ What amount is missing?

What is the change from £100 if you buy yourself and a friend a meal for £36.32 each?

Frog has done the hops incorrectly. Please correct him.

£5.61 **£6** **£20**

$£54.23 - \square = £18.76$ What amount is missing?

LO: Summarise the text.

Main Task: To summarise what happened on the Apollo 11 mission.

On	16th	July	1969	the	Apollo	mission	began.		

• LO: To compare fact and opinion

Main Task: Create a table in your book

- Use your findings from Wednesday's lesson to add to the table of facts and opinions. Think carefully about the key things you would like to include in your report.

Facts	Opinions
1. 2. 3.	1. 2. 3.

- **Challenge:** Can you include some more facts and opinions from the text we have been looking at too?

French

Revisit the sports we learned last week by filling in the gaps.

Les sports



Le f _ _ t



Le ru _ by



Le t nni _



Le _ ki



Le cr ck t



Le ba k t



Le _ _ tba _ _



Le vo l y



Le j _ _ _



La g mn st qu _



Le k _ a _ _



La _ at t _ n



L'a h ét s e



Le _ a i a e



Le c _ _ i m _

Use the following phrases to make a **sentence** for **each sport** about how you feel about it.



J'aime



J'adore



Je n'aime pas



Je déteste