

EDITION 59 September 2019

First Moon Landing

July 20th this year marked the 50th anniversary of the first humans to walk on the moon. On July 16th 1969 the American Space Centre, NASA, sent a space ship known as Apollo 11 into space carrying three astronauts, Neil Armstrong, Buzz Aldrin and Michael Collins.



At 9.32am the space ship was fired into space from the Kennedy Space Centre in Florida and after just 12 minutes was already circling the earth. It took another 3 days for the ship to reach the moon. The space ship was made up of 3 parts and at this point one part known as the Eagle split from the rest of the space ship and headed for the surface of the moon carrying Armstrong and Aldrin. The 3rd man Collins remained on the ship and continued to circle space

As the two men prepared to land a computer problem occurred which meant that Armstrong and Aldrin had to land the vessel manually without the assistance of the computer, this caused a delay. Dust from the moon's surface made it difficult to see and rocks and large cracks on the surface meant it was difficult to find a flat area to land. When they landed, they had only enough fuel left to have stayed flying for another 30 seconds. Armstrong immediately sent radio contact to the space centre with the words which have now become famous "the Eagle has landed".

A few minutes later at 4.17pm on July 20th 1969 Neil Armstrong became the first person to walk on the moon's surface. His famous words were heard by 600 million people all over the world who were watching this historic event live on TV, "That's one small step for man, one giant leap for mankind."

He was joined by Buzz Aldrin shortly after and both men spent two and a half hours taking photographs and samples from the moon's surface. They placed an

American flag and a plaque on the moon which said "Here men from the planet Earth first set foot upon the moon. July 1969 A.D. We came in peace for all mankind." The US president of the time Richard Nixon then spoke to the men by radio, he later said it was the most historic phone call ever made from the White House.

The two men then returned safely to the space ship and to their fellow astronaut Michael Collins. A control switch in the vessel had broken off but the men used a pen to replace the switch which luckily worked. On July 24th they returned safely to earth and landed in the sea near Hawaii after a journey of 953,054 miles over eight days.

All 3 men were kept in isolation for 3 weeks after returning. Here they were watched closely for any infection or illness they might have picked up in space. For most of the following months the three men went on a world tour where they were greeted as heroes.

Their mission to walk on the moon ended what had become known as the Space Race between America and Russia.



This began in 1957 when Russia sent a dog into space followed in 1961 by becoming the first to send a human into space. Not to be outdone by the Russians, in 1961 President John F. Kennedy made a promise that America would "land a man on the moon, and return him safely to the Earth", before the 1960s ended. Sadly, President Kennedy who was shot in 1963 never got to see this happen.

Neil Armstrong died in 2012 but Buzz Aldrin and Michael Collins at 89 are both alive. The men and their families were invited to the White House in July by President Trump to celebrate the 50th Anniversary of the first ever moon landing.

There, Their and They're	Two, Too and To
<p>there is used in 2 ways:</p> <ul style="list-style-type: none"> To say where something is placed Example: The bank is over there. Used with 'is' and 'are' Example: There is a hole in my shoe. There are seven days in a week. 	<p>two is how you write the number 2 Example: I am going away for two nights.</p>
<p>their is used for something that belongs to them Examples: They parked their car outside. Their house is lovely.</p>	<p>too is used in 2 ways:</p> <ul style="list-style-type: none"> Instead of also, or as well Examples: I like apples and I like grapes too. Mary's coming to the cinema too. To say there's more than enough of something Examples: I was too tired so I didn't go out. That coat is too expensive.
<p>they're is short for 'they are' Examples: They're coming to see us. I know them, but they're not my friends.</p>	<p>to is used in 2 ways:</p> <ul style="list-style-type: none"> Before an action word Example: I love to sing. To show direction Examples: I am going to a party in town. She gave a card to her friend.

Fill in the blanks using two, too and to

I have _____ kittens, they were given _____ me as a present. They have cost me quite a bit of money so far. I had _____ buy _____ feeding dishes and _____ beds and a cat carrier _____. I took them _____ the vet _____. They have _____ be fed at least _____ times a day. I have _____ make sure they have clean water _____. They have to be kept indoors for a while as it is still _____ cold outside. My dog is not _____ happy with them. They like _____ sleep in his bed, but he is not _____ happy with that and chases them back _____ their own beds.

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Fill in the blanks using there/their or they're

- Please sit over _____.
- _____ car is parked outside.
- Ask if _____ coming over for dinner.
- _____ is a circus in town.
- _____ very expensive.
- They asked me to look after _____ dog.
- _____ great friends.
- _____ is a mouse in the house.
- _____ building a new house.
- Joe is always _____ on time.
- Paul is _____ eldest.
- How many of you are _____.

Answers
1. €220 per month
2. a. Ann €39.20 Tom €19.60
b. Ann €784 Tom €392 Joe €196

Maths

- I have a car loan of €10,000 which I will pay back over 4 years. I will have to pay € 140 in interest for every year also. If I pay a set amount every month over the 4 years, how much will I have to pay each month to have the loan paid in 4 years?
- Ann earns twice what Tom earns. Joe earns half of what Tom earns.
 - If Joe earns €9.80 per hour, what does Ann and Tom earn per hour?
 - If they each work 20 hours per week what is each one's weekly total earnings?

Answers across