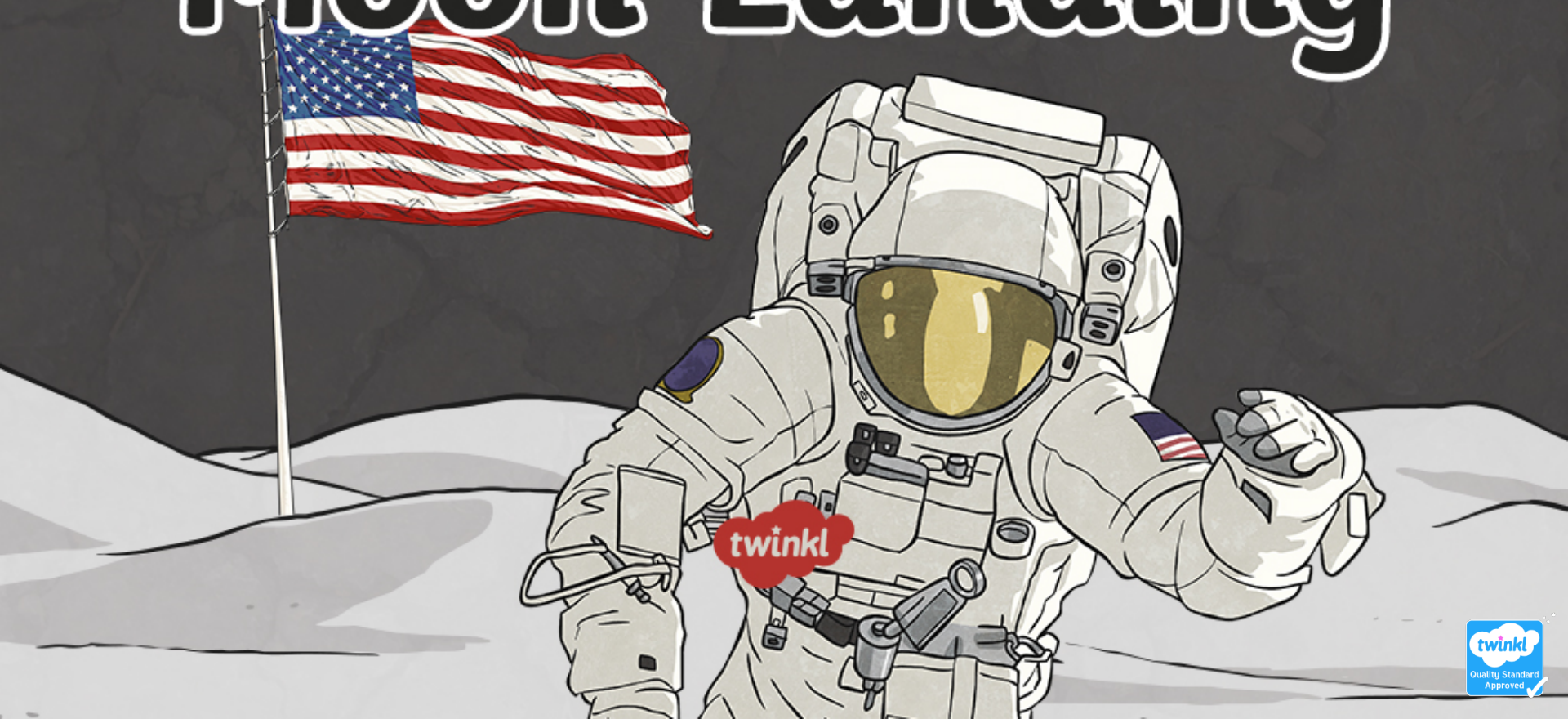


# The Apollo 11 Moon Landing



On the morning of July 16<sup>th</sup> 1969, the United States of America got ready to launch its **Saturn V rocket** from launch pad 39A at Cape Kennedy, Florida, USA.



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# The Saturn V Rocket

Saturn 5 was the largest rocket ever built. It was **111 metres** high, that's taller than the Statue of Liberty and taller than many tower blocks. It weighed **2.9 million kilograms (2 900 000 kg)** when it was full of fuel.



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Saturn V had 5 gigantic F1 engines to launch it into space.

Even more engines were used later on in its journey.

Here is just one of the five F1 engines. They really were massive!

# The Astronauts

Three astronauts were on board Saturn V: **Neil Armstrong**, **Michael Collins** and **Edwin “Buzz” Aldrin**. The astronauts had to go through lots of training to move around in their bulky spacesuits, and test all the spacecraft’s equipment.



Astronaut Michael Collins during a practice for the Apollo 11 mission.



Astronaut Buzz Aldrin inspecting the Saturn V rocket.

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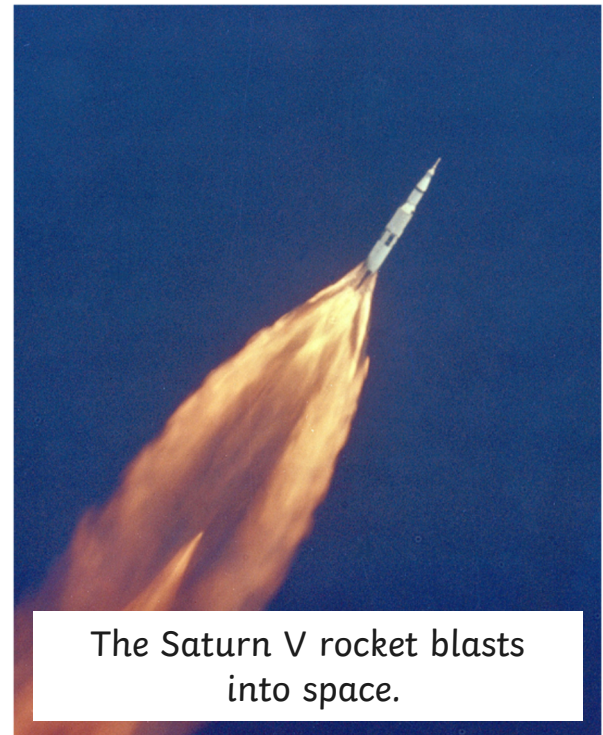


# Launch Day

On launch day, Collins, Armstrong and Aldrin sat at the very top of Saturn V in the command module. At 9:32am Saturn V's engines fired and the rocket launched off from its tower. Twelve minutes later, the astronauts were orbiting Earth.



The moment when Saturn V's F1 engines fired, launching it from its tower.



The Saturn V rocket blasts into space.

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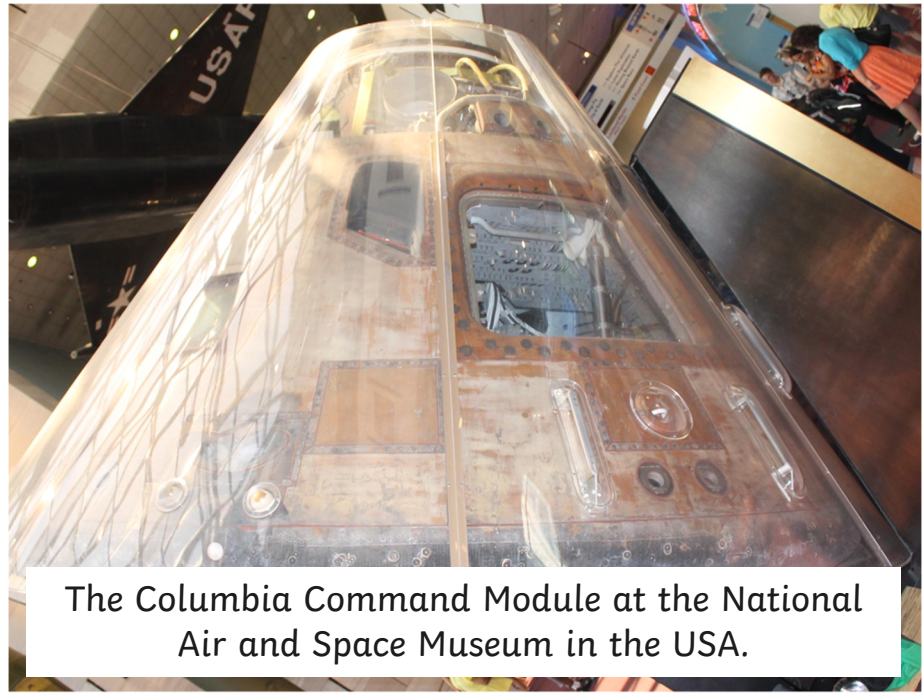
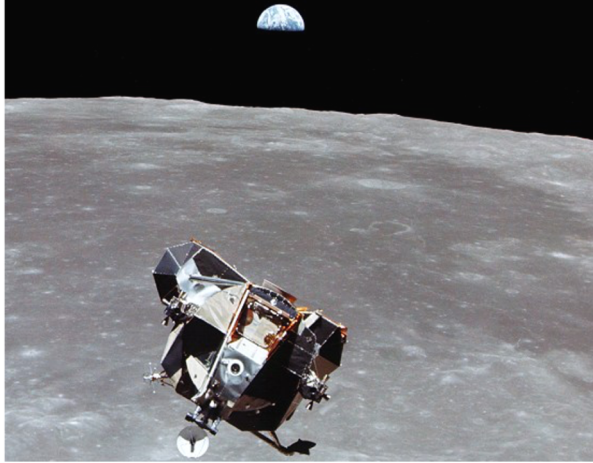
# Landing

The Apollo 11 crew took 4 days to reach the Moon.

Once they were orbiting the Moon, Armstrong and Aldrin climbed into the Eagle Lunar Module and landed on the Moon.

Collins stayed in the Columbia Command Module.

The Eagle Lunar Module which carried Armstrong and Aldrin down to the land on the Moon.



The Columbia Command Module at the National Air and Space Museum in the USA.

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On July 20, 1969, Neil Armstrong became the first human to step on the moon. He and Aldrin walked around for three hours. They did experiments. They picked up bits of moon dirt and rocks. They put a U.S. flag on the moon. They also left a sign on the moon.



Armstrong and Aldrin placed an American flag on the surface of the Moon.

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# The Return To Earth

After 22 hours on the Moon, Armstrong and Aldrin returned to the command module using Eagle. The Apollo 11 crew returned to Earth and landed in the Pacific Ocean on 24<sup>th</sup> July. The module had a special heat shield which stopped it from burning up as it travelled through the Earth's atmosphere.



The Columbia Command Module has a custom made flotation collar to help it float when it landed in the Pacific Ocean.

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