Apollo 11

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Have you ever wondered how America went to the moon in the first place? N.A.S.A (The National Aeronautics and Space Administration) created the first space-craft to ever land on the moon. President Kennedy challenged nasa to put a man on the moon before the decade is out and they were going to make history using the apollo 11. Wikipedia states that “An estimated one million spectators watched the launch of Apollo 11 from the highways and beaches in the vicinity of the launch site.” Many people are even blocking the streets. The rocket was very tall and it will reach the moon and return safely.

Nasa states that “At 9:32 a.m. EDT, the engines fire and Apollo 11 clears the tower. About 12 minutes later, the crew is in Earth orbit.” This means that the crew successfully launched and was preparing to get to lunar orbit. It is so amazing that Apollo 11 traveled 35,786 km to earth orbit in 12 minutes!

That is how fascinating the rocket launch was. It was very successful as it was a very large and powerful rocket. According to nasa “The three-stage 363-foot rocket will use its 7.5 million pounds of thrust to propel them into space” 7.5 million pounds of thrust is equivalent to the weight of 18.75 blue whales!

After three days in space the crew is in lunar orbit which is the orbit around the moon. The crew climbs into the lunar module; it is the space-craft to land on the moon and dock back safely at the capsule orbiting in the lunar orbit safely. According to nasa “the lunar module lands at 4:17 p.m EDT, only 30 seconds of fuel remain. Armstrong radios “Houston, Tranquility Base here. The Eagle has landed.” Nasa says that ‘With more than half a billion people watching on television, Armstrong climbs down the ladder and proclaims: “That’s one small step for a man, one giant leap for mankind.”

The crew launch back to the capsule using the lunar module and climb back inside. After another three days,it is time for re-entry for the crew. The capsule has three parachutes, and a heat-shield that deflects the compressed air of the layers of the atmosphere. The atmosphere can rise to as high as 3000 degrees fahrenheit! After the Capsule successfully enters earth, Nasa states that “The crew splashed down off Hawaii on July 24.” and men who walked on the moon have safely landed back. After they were rubbed with chemicals and were quarantined in a mobile quarantine facility, for 21 days. President Kennedy’s challenge has been met. astronauts [Neil Armstrong](https://www.nasa.gov/humans-in-space/astronauts/former-astronauts/former-astronaut-neil-a-armstrong/), [Buzz Aldrin](https://www.nasa.gov/former-astronaut-edwin-buzz-aldrin/) and [Michael Collins](https://www.nasa.gov/former-astronaut-michael-collins/) were the first astronauts to ever land on the moon, return then change history.