

Use the text in the [article](#) to answer all 9 questions.

## 1. How did Armstrong describe the surface?

Armstrong reported that the surface was made of very fine powder and his feet sank into it by one eighth of an inch. He also said the surface is mostly soft, but hard in some places and all made of the same material.

## 2. What was the name given to the lunar landing module?

It was called the Eagle.

## 3. What time did the landing module touch down on the Moon

It touched down at 9:17 PM.

## 4. Where was Mission Control based?

It was based in Houston.

## 5. What feature on the Moon was Tranquility Base named after?

The Sea of Tranquility.

Note: It is called a sea but there is no water. When we look at the Moon some areas appear to be darker than others. Long ago, astronomers thought these areas looked like seas and the name has stuck, even though we now know the dark areas were made by past volcanic activity.

## 6. Why did they land 4 miles away from where they originally intended to land?

The area they planned to land on turned out to contain huge boulders of rock. It would have made been unsafe to try to land among the boulders.

## 7. Why was it important that Aldrin had to “lean in the direction he wanted to go...”?

The low gravity on the Moon meant that walking ‘normally’ led to ‘lurching around like someone slightly inebriated’.

## 8. Do you think the astronauts were excited? What evidence is there in the text to support your opinion?

Either yes or no is correct, if you have provided evidence from the text.

Evidence suggesting that they were excited: Mundane things were commented on enthusiastically, including leaving footprints, finding a rock and walking about; Aldrin described the environment as beautiful despite there being a ‘desert’ like scene. He was clearly immediately fond of the place; They had waited 3 hours since landing for the decision to be made about whether they could venture out on to the Moon’s surface.

Evidence suggesting that they were not excited: Casual, calm voices used in communications between astronauts and Mission Control; Aldrin describes it as looking like a desert; The astronauts seem to just get on with their jobs of carrying out experiments and tests.

## 9. What do you think Aldrin thought of the Moon? Why?

You may have said he liked or disliked it. Again, either is correct, if you have provided evidence from the text.

Evidence suggesting Aldrin liked it: He said it has a “harsh beauty all of its own.”; He seems to be enjoying the experience of walking in the low gravity environment; He seems quite excited by finding a purple rock.

Evidence suggesting Aldrin was unimpressed: He describes the Moon’s beauty as “harsh”; He didn’t immediately leave the landing module, he followed Armstrong 19 minutes later. Was this because he told to wait or because he was not excited?