



Moon Landing Investigation

Real or Fake?

Classroom Activity

Material List:

- Collection sheet
- Pen/pencil
- Post-it notes (two colours)
- Writing paper

Outline

Go around the room looking at the 21 different pieces of evidence for the moon landings. For each one decide whether it is evidence for the moon landings being real, fake or neither and fill this in in the table on the collection sheet.

You will also need to decide how important the pieces of evidence are, giving them a rating out of ten (where 10 is the strongest). At the end of the activity mark the strongest and weakest evidence with post-it notes.

You can have different answers from your group!

Procedure:

1

Take a look at the piece of evidence in front of you and make any notes you have about it in the collection sheet table.

2

Think about any questions that would be relevant to question this piece of evidence and add them to the questions section in the collection sheet.

3

Once you have considered it fully decide whether it is evidence for the moon landings being real, fake or neither and tick this off on the collection sheet.

Online Observatory: onlineobservatory.eu

The online observatory collaboration consists of the following partners:

Baldone Observatory, Brorfelde Observatory, Cardiff University, Harestua Solar Observatory, Helsinki Observatory



4

Finally, for the piece of evidence, judge how valid it is. Deciding how important this evidence is to your moon landing investigation.

5

Repeat this process with each of the 21 pieces of evidence, until your table is complete.

6

Have a look at your completed table and decide which piece of evidence is the strongest and which is the weakest. You will have two different coloured post-it notes to write your name on, one will be for the weakest and one the strongest.

7

Take your post-it notes and place them next to the piece of evidence they fit with, everybody else will do the same. Have a look at where others have placed their post-its, do a few of the pieces of evidence have lots or is there a big spread?

Assessment:

- Consider all the evidence you have seen and draw your own conclusion. Write about what you have decided and why, giving evidence and justifying your answers.
- Take a class vote on if the moon landings were real or fake?

Further Activities:

Write a diary entry from Neil Armstrong's perspective on what it felt like to be the first person on the moon. You should do some research about the environment, equipment and the experience of astronauts.

Have a class debate. A few students should argue that the moon landings were real while others argue it was fake. The rest of the class should come up with questions for each side of the argument.