

Cycle: 4

Niveau conseillé : 3eme.

Thème : mouvement et interaction.

Type de document : activité documentaire.

Mots-clés : pesanteur sur la Terre et la Lune, force de pesanteur, anglais.

Durée conseillée : 30min

Compétences travaillées : - exploiter en anglais des ressources scientifiques variées et adaptées au niveau visé.

Mes compétences :



A : exploiter des documents en anglais

First Step on the Moon

A- Article adapted from www.history.com

Apollo 11 was the spaceflight that landed the first humans on the Moon, Americans Neil Armstrong and Buzz Aldrin, on July 20, 1969, at 20:18 UTC*.

Neil Armstrong, 240,000 miles from Earth, spoke these words to more than a billion people listening at home: "That's one small step for man, one giant leap for mankind."

Stepping off the lunar landing module Eagle, Armstrong became the first human to walk on the surface of the moon.

*UTC : Coordinated Universal Time.

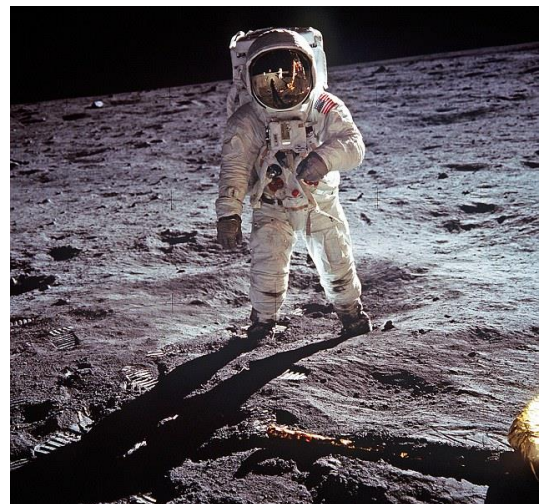
B- Physical characteristics:

Mass of the Moon: 7.3477×10^{22} kg

Mass of the Earth: 5.97237×10^{24} kg

Mass of the Sun: 1.98855×10^{30} kg

C- Photo of Neil Armstrong on the Moon:



D- Video:

<https://www.youtube.com/watch?v=cwZb2mqld0A>