



ST3 Interview an astronaut about visiting the Moon

This classroom-based module is an interactive way for students to learn about astronauts and the Moon.

Preview Pages

Teacher's lesson plan
Science and/or Technology
Suitable for teaching at most secondary school years or levels

Interview an astronaut about visiting the Moon

How to use this module

Photocopy required numbers of the module. Distribute to students, invite them to choose their characters and then either individually or in groups act out the roleplay and work through the discussion and activities. Use as a class lesson or within your teaching plan.

Lesson duration

One-two class lessons depending on objectives.

Achievement objectives

Locate and use information to clarify, challenge and extend ideas about the general nature and behaviour of the Earth, its Moon, and other planets in the Solar System.

Assessment

By performing this module students and teachers will have discussed:

- outer space
- the Moon
- what an astronaut does.

Characters

Interviewer; Astronaut Alson.

Note

ActUp modules are fictional works. Any similarity or reference to actual events or places or products or persons, living or dead, is entirely coincidental and not intended.

THIS PLAY IS SET IN A CLASSROOM WHICH IS A TELEVISION STUDIO. TWO CHAIRS ARE IN THE FRONT FOR THE INTERVIEWER AND ASTRONAUT ALSON AND THE CLASS ARE THE AUDIENCE. ASTRONAUT ALSON IS WALKING AROUND THE STUDIO. A BOX OF SAND IS NEAR THE INTERVIEWER.

INTERVIEWER Welcome to "Planet Watch". Today we are interviewing Astronaut Alson who has just recently returned from walking on the Moon. (LOOKS AT EMPTY CHAIR)
Astronaut Alson! Where are you?

ALSON Over here.
ALSON IS WALKING SLOWLY AND VERY FIRMLY AROUND THE STUDIO.

INTERVIEWER What are you doing?

ALSON Moon walking. This is how we walked on the Moon.
ALSON WALKS TO THE INTERVIEWER, STANDS IN THE BOX OF SAND, THEN SITS DOWN.

ALSON What do you see in the sand?

INTERVIEWER Your footprints.

ALSON What happens to my footprints if the box of sand was put outside?

INTERVIEWER They'd disappear.

ALSON Why?

INTERVIEWER The wind would blow them away or the rain would wash them away.

ALSON My footprints are still on the Moon. I saw previous astronauts footprints from when they walked on the Moon and I saw moon vehicle tracks.

INTERVIEWER How are they still there?

ALSON There's no wind or rain on the Moon. Everything remains the same way for centuries and centuries. My footprints will still be there in hundreds of years.

Student worksheet

Discussion and activities

Students perform the play then work through some or all of the following discussion and activities, either individually or in groups.

Discussion

1. Astronaut Alson says the temperature on the Moon “was hot and cold”. Identify three other facts about the Moon.

2. Take each of the three facts in question 1 and identify what effect they could have on your life as you know it today?

3. Alson says “I carried my own oxygen.” What changes to your life would you have to make if you had to carry your own oxygen? Why?
