

## One Small Step (Senior)

<b>Subject Area(s):</b>	Science
<b>Key Stages:</b>	Ideal for KS 3 and 4
<b>Time Requirements:</b>	
Set-Up Time	15 Minutes
Duration	50 Minutes
Reset Time	5 Minutes
Set Down Time	15 Minutes



**Description:** This presentation explores Earth's only natural satellite – the Moon. What it's made of, why it's there and how man's fascination has led us to taking our first steps on its surface. Photographs and video footage from the Apollo missions allow us to follow the build up and ground breaking journey of Apollo 11 – inspiring kids with a sense of awe over man's ultimate achievement. Pupils will also get the opportunity to discuss whether the moon landings actually occurred and the future of man on the Moon!

**Learning Points:**

- Relevance and interpretation of historical events
- Forces and gravity
- Rocket mechanics
- Orbits and relationship to seasons
- Analysis of speed and acceleration graphs

**Group / Class Size:** Unlimited

**Space Requirements:** Seating space for audience

**Equipment Requirements:** Data projector, screen and speakers (in general built in and PC speakers are inadequate for the task).

**Notes:** No additional notes