# Why Space?

Jim Crocker Vice President & General Manager Lockheed Martin Space Systems Company International

January 29, 2015

### "The richest major economy in the world"...



January 15, 2015

#### British economy can lead world, Osborne predicts

#### Sam Coates Deputy Political Editor

Britain could be "the richest major economy in the world" by the 2030s but still has a low-skilled economy which is holding back growth, George Osborne declared last night.

Speaking at the Bank of England, he suggested that the skills shortage and ack of people attending university put Sritain at a disadvantage compared with countries such as the United States and South Korea. He pledged to make greater investment in skills an urgent priority in a future Conservative government.

Giving the Royal Economic Society's nnual lecture, Mr Osborne said: "Even hough standards in our schools are ising, Britain still suffers from an endemic problem of low skills. That is one of the causes of our persistently weak productivity."

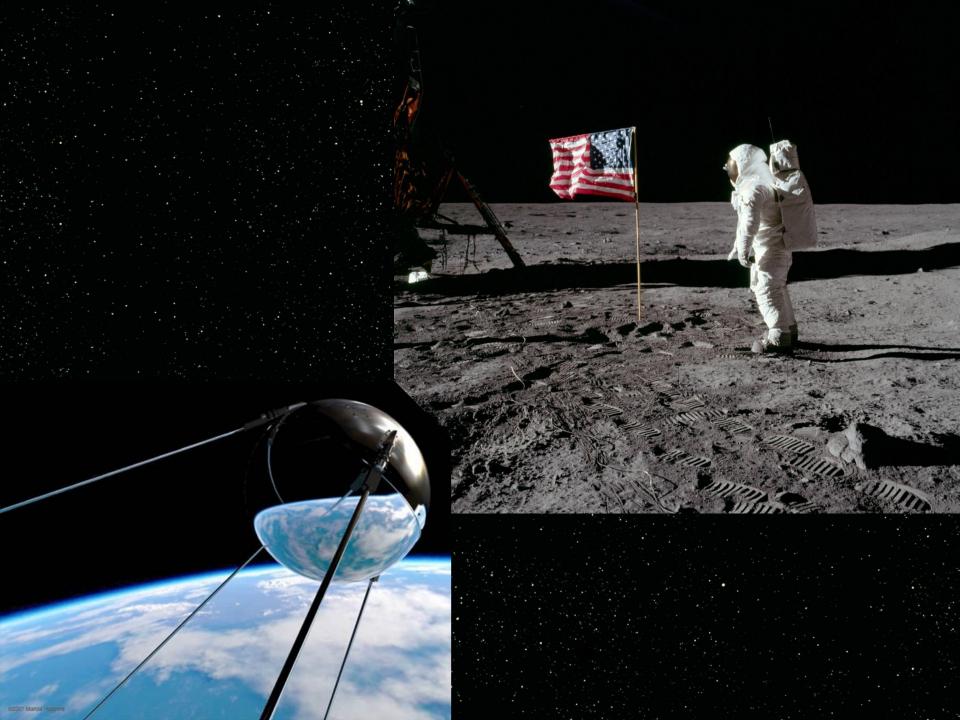
He added: "I have now abolished the rrtificial cap imposed by the Treasury on the number of students, but I believe hat the number going to university in Britain is still too low. If you look round the world at the economies leading the pack on skills and productivity, like South Korea and the US, they are sending far more of their young people to university."

The chancellor used the address to reveal that a future Tory government would pass new laws to ensure that the government always ran a surplus "in normal times".

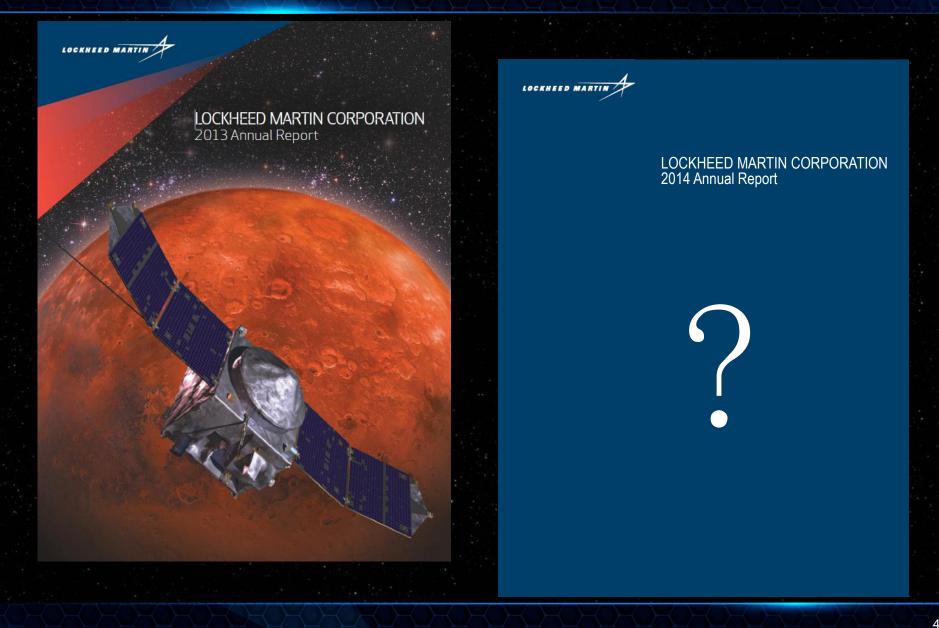
Under the "good housekeeping" blueprint, the Office for Budget Responsibility would be given a trigger to define when the country was outside of normal times, such as recession. At that point, the government would have to set out a strategy and a timescale for returning public finances to surplus.

Mr Osborne indicated that his wider aim was to surpass countries such as the US, Canada and Germany to become the wealthiest G7 member by GDP per capita in the 2030s. "There is no reason why Britain cannot be the richest major economy in the world," he said. That prosperity would also need to be "widely shared across our country".

"It is within the power of my generation to achieve this, if we have the discipline and the ambition," he said. RBS shares may be sold at a loss, page 41 Britain could be "the richest major economy in the world" by the 2030s but still has a low-skilled economy which is holding back growth, George Osborne declared last night.



# Lockheed Martin Annual Report



# Working For Lockheed Martin

#### **BusinessWeek** BEST PLACES TO LAUNCH A CAREER 2 Lockheed WaltDisney Martin WAS #1! Manufacturing 2005 Entry Level Hires: 3,983 Woshington Technology 2014 Washington Technology Top 100 COMPANIES BY RANKING 2014 Company

1	Lockheed Martin
2	Northrop Grumman Corp.
3	Raytheon Company



Among students in 2014

**TOP100** 

Ideal Employer

U.S.

2014 U.S. Top 100 Ideal Employer Ranking – Engineering

Employer	Rank	
Boeing	1	
NASA	2	
Google	3	
Lockheed Martin Corporation	4	
General Electric	5	
ExxonMobil	6	



Location: Various Locations Industry: Aerospace and defense Local employees: 12,000 Revenue: \$39.6 billion

In a recent survey, college engineering students their "ideal employer." Little wonder; the comp to the moon is the perfect place to launch a car



## STEM



















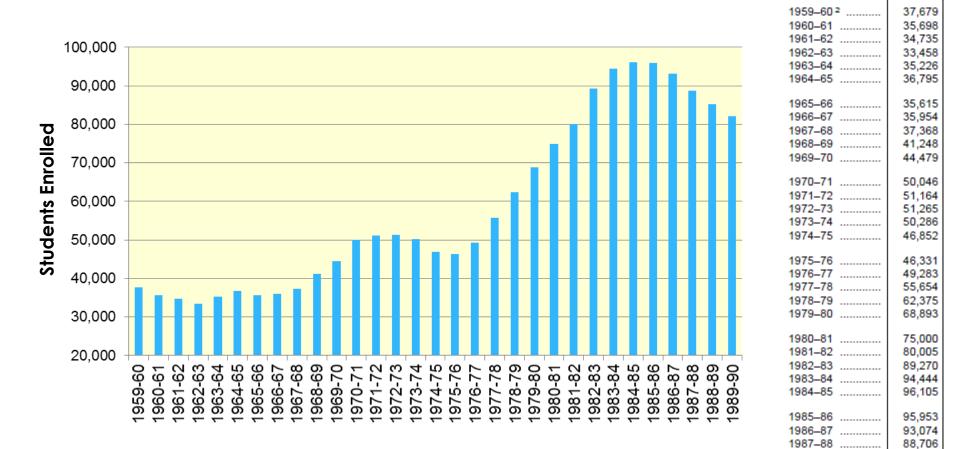
Industry Initiatives for Science and Math Education







### Engineering Graduation Rates (1971-91)



85,225

82,110

1988-89 .....

1989-90 .....

# Economic Impact of Space Programs

"...the \$25 B in 1958 dollars spent on civilian space R&D during the 1958-1969 period has returned \$52 B through 1971 – and will continue to produce pay offs through 1987, at which time the total pay off will have been \$181 B. The discounted rate of return for this investment will have been 33 %." – 1971 study of NASA by MRIGIobal

