

## Think Physics Out Of This World Space Careers

*The space sector employs over 95,000 people in the UK alone. It is rapidly expanding due to the commercialisation of space and the development of technology allowing us to explore further and consider new opportunities in space. There is also a booming satellite sector which allows us to watch TV, talk on our phones and tweet astronauts in space! There are very real possibilities for pupils interested in space and a variety of jobs to consider!*



The aims of the session are to:

- > Provoke discussion and thought about future interests
- > Make pupils more aware of the opportunities available in the space sector
- > Provide examples of careers and role models linked to the space sector
- > Make the links between STEM subject choices and future career opportunities
- > Extend STEM career discussions through homelearning into the home.

The PPT comes with slide notes that explain how to use each slide as well as how to extend slides if you wish to. This activity can be differentiated for ages depending on how much you wish to discuss, add to and explore the materials, information and further links provided.

### Reinforcing:

When facilitating the lesson some key points to reinforce:

- Space Careers and STEM careers are for girls and boys
- Physics and mathematics are key subjects for many of the careers linked to Space and engineering
- You don't just need to study A Levels: there are some fantastic vocational courses and apprenticeship opportunities, particularly within tech and engineering
- All abilities of students can have a career in STEM.
- You can be creative and artistic and work in STEM
- STEM subjects are not just about the space sector. This is just one example but by studying STEM subjects students keep many more doors open and don't end up limiting themselves.

### Feedback:

We would be keen to find out how you found these resources and if you would be interested in similar resources but with different topic areas investigated. We would also be keen to see some examples of pupils homework and feedback of the pupils reactions to this session.