Space Jobs - Lesson Plan

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| **Title:** Space Jobs | **Date:** |
| **Learning objective/s:**   * I can list a number of jobs relating to space * I can explain what a stereotype is * I can assess my own skills and qualities | **Curriculum links:** |
| **Learning outcomes**  **I want evidence children can:**   * Recall different jobs relating to space and science * Discuss stereotypes relating to gender and space jobs * Understand that the skills and qualities you have are more important for a job than your gender or race | |
| **Notes on children who have exceeded the performance expected:** | **Action to be taken:** |
| **Notes on children who did not achieve the performance expected:** | **Action to be taken:** |
| **Essential vocabulary:**  Job  Career  Stereotype  Skills  Qualities | **Possible misconceptions:**   * If you like space, the only job available to you is to become an astronaut. * Only certain genders, races, types of people can have space jobs. * Both misconceptions will be addressed through the lesson activities. |
| **Cross curricular links:** | |
| **Teacher resources including ICT:**   * NSO Presentation ppt or pdf * NSO Space for Everyone Quiz sheet * NSO Space Jobs Stand-up game sheet * Internet access to visit career profile pages (optional) | **Children’s resources including ICT:**   * True/ False cards (optional) |

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| **Organisation and class management:** | **Teaching points:** | **Notes:** |
| **Class activity 1**  Whole class discussion | * Ask the class if they can think of any jobs that people who are interested in space and science might do. * Ask if anyone thinks they will do a space job when they are older. * Explain that the class is going to learn about lots of jobs for people who are interested in space and science. * Ask the class if they know what a stereotype is. Go through definition. * Introduce the quiz about stereotypes and Space Jobs. | Definition and examples of stereotypes are found in the **presentation resource**. |
| **Class activity 1**  Space for Everyone quiz | * Play Space for Everyone quiz as a class * Teacher reads out statement. * Class indicate if they think the statement is true or false. * Discuss the answers that the class gives. * Encourage debate around inequalities and addressing stereotyping * Highlight some of the NSO career profiles during the discussion. | Quiz statements, weblinks to full NSO career profiles, and further information for discussion can be found in the resource: ‘**Space for Everyone Quiz’**.  Summary career profiles are also included in the presentation resource. |
| **Class activity 2**  Whole class discussion | * Explain that following discussion on Space Job stereotypes, we are going to think about the qualities you might need for a space job. * Ask the class to suggest qualities an astronaut may have (e.g. bravery or courage) * Introduce Stand-up Job game & rules | Game rules:   * Ask everyone to stand up and teacher reads out list of statements relating to a particular job one at a time. * If a statement doesn’t apply to an individual, they sit down * All pupils remaining standing when all statements have been read out have some of the skills and qualities needed to do that job. |
| **Class activity 2**  Stand-up Space Jobs Game | * Play Stand-up job game * Reinforce that interests, skills, qualities are more important when choosing a career than gender or skin colour. | Game statements can be found in the resource ‘**Stand Up Space Jobs Game’**. |
| **Plenary/Conclusion:**  Whole class discussion | * Ask if anyone thinks they will do a space job when they are older. * Discuss if/why anyone has changed their mind from the beginning of the lesson, following the quiz and game. |  |