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
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| **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:**JobCareerStereotypeSkillsQualities | **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.
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| **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.
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| **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.
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