Ecosystems beyond Earth • Testing food preferences

**Year 7**

|  |  |
| --- | --- |
| **Name:** |  |

Nutritionists need to plan the food for astronauts six months in advance. This means that they need to plan for an astronaut's food preferences before the flight so that they will be able to eat the food when they are several days travel from Earth. Examine each food and score it for appearance, colour, smell, flavour, and texture.

Score each food from 1 (extreme dislike/hate) to 5 (neither like or dislike) to 10 (extreme like/love).

NOTE: Please let your teacher know if you have any food allergies.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Food** |  |  |  |  |
| **Appearance** |  |  |  |  |
| **Colour** |  |  |  |  |
| **Smell** |  |  |  |  |
| **Flavour** |  |  |  |  |
| **Texture** |  |  |  |  |
| **Overall score** |  |  |  |  |
| **Comments** |  |  |  |  |

**Discussion**

1. Identify your preferred food as an astronaut. Explain why you chose this food.
2. Compare your results to the rest of the class.
   1. Which food had the highest score? Why?
   2. Which food had the lowest score? Why?
3. Explain why it is important that food be tested before it is taken or grown in space.
4. Compare your results to that of others in your class. Circle any outliers (different from the main set of results).

|  |  |  |
| --- | --- | --- |
| **Food** | **Your overall score** | **Overall scores of others in your class** |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

1. Describe any outliers you identified. How did you know they were an outlier?
2. Talk to the person who produced this result. Can they explain why they did or did not like this food?