**Package design worksheet**

Read through the **Package design** presentation and then answer the questions.

1. Give **three** reasons why we package many types of foods.

Answer\_\_\_

1. Describe **four** steps that can be taken to reduce the environmental impact of food packaging.

Answer\_\_\_\_

1. **Packaging evaluation**

Find 3 or 4 typical pieces of food packaging from your home and complete the packaging matrix shown below. In each column enter a score. Total the scores in the final column. Then complete the evaluation.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Package**  **Type** | **Is it a single use item?** | **What is the main material?** | **How many materials?** | **Are the materials easy to separate?** | **Are the materials labelled?** | **Total** |
|  | Yes – 0  No - 2 | Plastic – 1  Metal - 2  Card – 3  Paper - 4 | 1 – 3  2 - 2  3+ - 1 | Yes – 2  No - 0 | Yes – 2  No - 0 |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

1. Which type of package had the highest score? Can you explain why?

Answer\_\_\_\_\_

1. Which type of package had the lowest score? Can you suggest how it could be improved?

Answer\_\_\_\_

4. Packaging investigation

Log how many different types of single use items are thrown out in 24 hours.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Metal** | **Card** | **Paper** | **Plastic** | **Glass** |
|  |  |  |  |  |

What steps could you take to reduce the number of single use items?

Answer\_\_\_\_