# Egg drop challenge

­­­­­­­­You are the jury for an innovative packaging contest. For the evaluation of your classmates ‘designs, use the following rubrics to find the winner. May the best design win!

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| Materials | Costs |
| Duct tape | €1/10 meters |
| Feathers | €1/20 pieces |
| Felt | €0.8/1 pieces A4 size |
| Foam | €5/1 block 50x70cmx5mm |
| Bubble wrap | €5/10 meters |
| Cardboard | €1/1-piece A4 size |
| Mulch | €2/1 kg |
| Popsicle sticks | €0.4/10 pieces |
| Paper towel | €3/1 roll |
| Toilet-paper roll | €1.5/1 roll |
| Pebbles | €2/1 kg |
| Plastic wrap | €0.2/ 10 square meters |
| Plastic grass | €5/1-piece A4 size |
| Soil | Free (found in the garden) |
| Grass/ Straws | Free (found in the garden) |

## Scoring rubric:

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|  | Criteria | 10 points | 25 points | 50 points |
| 1 | Capacity: The number of eggs | 1 | 2–5 | More than 5 |
| 2 | Use of natural materials | Natural materials are not used in the design. | Limited natural materials are used in the design. | Only natural materials are used in the design. |
| 3 | Cost | The cost of the materials used in the container design is higher than €20. | The cost of the materials used in the container design is between €11 and €20 | The cost of the materials used in the nest design is lower than €10. |
| 4 | Protection: Egg-drop | All eggs are broken after the egg-drop test from 1m. | Some of the eggs are broken after the egg-drop test from 1m. | None of the eggs are broken after the egg-drop test from 1m. |