GRADE 10 HOME SCIENCE

PRACTICAL PROJECT

MAKING A DECORATIVE FLOWER VASE FROM REUSED MATERIALS

Learner's name: _____
School: _____
Class/Stream: _____ **Date:** _____

Project type: Make at home and bring the finished product to school.

PROJECT TASK

Design and make a stable, neat and attractive flower vase using a clean, reusable container and locally available materials. Bring the completed vase to school for display and assessment.

LEARNING OUTCOMES

By the end of the project, the learner should be able to:
• Apply creativity and design skills to make a household decorative item.
• Select and use materials and tools safely.
• Reuse available materials to reduce waste.
• Demonstrate neat finishing, colour coordination and good workmanship.
• Explain how the vase can be used and cared for.

MATERIALS AND TOOLS

Choose what is available at home:
• A clean plastic bottle, sturdy jar or other suitable reusable container
• Coloured paper, fabric scraps, wool, string, ribbon or other decorations
• Suitable glue or tape
• Scissors, ruler and pencil
• Paint and brush (optional)
• Artificial or fresh flowers (optional)

SAFETY PRECAUTIONS

• Ask an adult for help with sharp tools or materials that need special handling.
• Do not use broken glass, sharp-edged tins or containers that may leak.
• Use paint and glue in a well-ventilated area and follow product instructions.
• Keep the work area clean and wash your hands after finishing.

PROCEDURE

1. Plan the design. Sketch your vase and decide on its shape, colours, decorations and the flowers it will hold.

2. Select the container. Choose a clean, dry container with a stable base that stands upright.

3. Prepare the surface. Remove labels if appropriate, wash the container and let it dry completely.

4. Measure and cut. Measure paper or fabric to fit around the container. Trim carefully. If the container needs cutting, ask an adult to do it; preferably use a container with a ready-made opening.

5. Decorate. Attach paper, fabric, string or other decorations with suitable glue or tape. You may paint the outside and allow it to dry fully.

6. Finish neatly. Cover untidy edges, arrange colours and make sure decorations are firmly attached. Avoid anything that makes the vase unstable.

7. Test the vase. Place it on a flat surface. For fresh flowers, use a watertight inner jar or container if the outer vase may leak.

8. Present the product. Clean the vase, add flowers if available, pack it safely and bring it to school.

WRITTEN REPORT TO BRING WITH THE VASE

Write a short report in your own words under these headings:
1. Project title and purpose.
2. Materials and tools used.
3. Steps followed.
4. One challenge and how you handled it.
5. How reusing materials helps reduce waste.
6. How to care for and use the vase.
7. What you learned and one improvement you would make.

SUBMISSION CHECKLIST

- ■ Finished flower vase
- ■ Short written report
- ■ Original design sketch
- ■ Product is clean, stable and safe to handle

ASSESSMENT RUBRIC

Suggested marking guide: 40 marks. The teacher may adjust the weighting to suit the class task.

Criterion	What is assessed	Marks
Planning and design	Clear sketch; suitable shape and colour choices.	5
Use of materials	Appropriate use of available/reused materials with little waste.	5
Workmanship and neatness	Clean surface, tidy edges, firm attachment and careful finishing.	10
Stability and function	Stands upright and is practical for displaying flowers.	8
Creativity and appearance	Original idea and attractive colour coordination.	5
Written report and reflection	Materials, method, challenge, environmental benefit and learning explained.	5
Safe handling and presentation	Safe construction, clean product and careful transport.	2
TOTAL		40

TEACHER'S COMMENTS

_____

_____

Marks awarded: _____ / 40 Teacher's signature: _____

Reminder: Make the vase at home using safe, accessible materials. Be ready to explain your design choices and the process followed.