

GRADE 4 LESSON PLAN

Date:

Grade: 4

Subject: Resource and Technology – Family and Consumer Management

Topic: Floral Arrangement

Lesson Duration: 4 hours/ 4 weeks

Strands:

Attainment Target 3: Apply solutions to an identified need.

Students will be able to apply appropriate strategies to convert recyclable materials into floral arrangements.

Science Standards:

AT 2: Exploring science and the environment

Understand the scientific process, and the impact of air and water on the environment, and on our everyday life.

Mathematics Standards:

AT 2: Measurement

Use the correct units, tools and attributes to estimate, compare and carry out the processes of measurement to given degree of accuracy.

Technology Standards:

Students will develop an understanding of:

- and be able to select and use information and communication technologies.
- the attributes of design.
- engineering design.
- the role of troubleshooting, research and development, invention and innovation, and experimentation in problem solving

Resource Materials: (Audio visuals, print, internet)

Plastic bottles, painter's/Florist tape, wire cutters, styrofoam/floral foam, coloured/newspaper, liquid glue, glue stick.

Learning Objectives:**Students will:**

- Define the term floral arrangement
- Explain at least one (1) use of floral arrangements
- Identify tools and materials used in floral arrangements
- Collect recyclable materials suitable for making flowers and floral arrangements
- Create a floral arrangement for a public area
- Evaluate floral arrangements against design criteria

Classroom Safety:**Students will:**

- use tools and equipment in a safe manner and assume responsibility for their safety and safety of others.
- observe safety rules and guidelines when collecting recyclable materials.

Activity Highlights:**Engagement:**

Students will view online/offline videos on creating useful products from recyclable materials.

Working in groups, students will use their knowledge and previous experiences to analyse a bouquet of a real flower, identify the parts and discuss colours, aesthetics value and other features. Present the information using different processes or devices.

Exploration:

Students will research online/offline and conduct a mini research on the guidelines for creating a floral arrangement to include simple shapes, principles and elements of design such as balance, emphasis, colours and tools and equipment used in creating an arrangement.

Explanation:

Using multimedia and other strategies to share information from the mini research with the class. In groups students will present information on the principles and elements of design and floral arrangement shapes. Discuss the steps for preparing simple flowers from recyclable materials, use recording devices to capture the presentations.

Elaboration (working through the design process)

Students will create a bouquet suitable for a public area using the design process. Using available resources. Bouquets will be displayed (Pictures can be taken and uploaded). Use electronic devices to capture and upload photographs to class blog.

Evaluation:

Develop a rubric to be used for peer and self-assessment.
Evaluate floral arrangements using developed rubric.
Share the assessment with the class.

Enrichment:

Copy pictures from blog and compile a booklet to be presented and displayed at the Environmental Campaign.