



Introduction (10 minutes)

Welcome to our exciting project on designing and creating a mixed-ability group garden with various ornamental plants! This project is designed to engage 10-year-old students in a comprehensive learning experience that combines horticulture, teamwork, and creativity.

Learning Objectives (10 minutes)

By the end of this project, students will be able to:

1. Identify and name different types of ornamental plants
2. Explain the importance of teamwork and communication in designing and creating a group garden
3. Apply knowledge of plant selection and garden design to create a visually appealing and functional garden
4. Develop problem-solving skills and critical thinking through hands-on gardening activities

Differentiated Activities for Mixed-Ability Groups (20 minutes)

To cater to the diverse needs of mixed-ability groups, the following activities can be completed:

1. **Garden Design:** Students will work in groups to design a garden layout, considering factors such as color, texture, and maintenance.
2. **Plant Research:** Students will research and learn about different types of ornamental plants, their characteristics, and growing conditions.
3. **Garden Creation:** Students will work in groups to create their garden design, using a variety of plants and materials.
4. **Garden Maintenance:** Students will learn about the importance of regular garden maintenance, including watering, pruning, and fertilizing.

Activity 1: Garden Design (25 minutes)

Ask students to design a garden layout on paper, using a variety of ornamental plants they have learned about in class.

Activity 2: Plant Research (25 minutes)

Ask students to choose an ornamental plant they are interested in and research its characteristics, growing conditions, and uses in gardening.

Activity 3: Garden Creation (30 minutes)

Ask students to work in groups to create their garden design, using a variety of plants and materials.

Activity 4: Garden Maintenance (25 minutes)

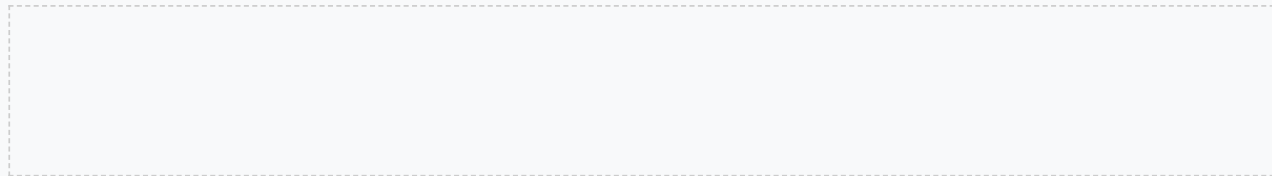
Ask students to learn about the importance of regular garden maintenance, including watering, pruning, and fertilizing.

Assessment (20 minutes)

Students will be assessed on their participation and engagement during the activities.

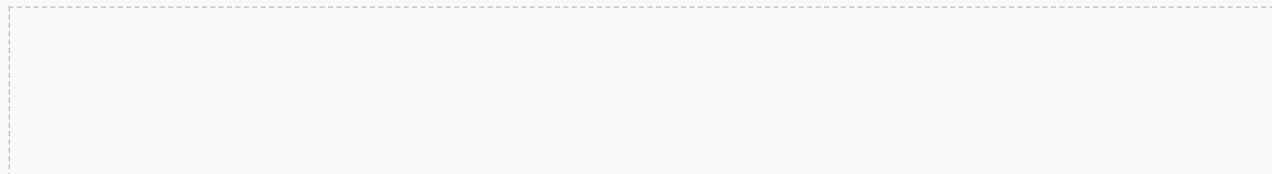
Conclusion (10 minutes)

Designing and creating a mixed-ability group garden with various ornamental plants is a rewarding and educational experience for 10-year-old students.



Extension Activities (20 minutes)

Create a garden model using clay or cardboard, research and experiment with different methods of plant propagation, or create a garden poetry or art piece inspired by the garden.



Parent Engagement (10 minutes)

Invite parents to attend a garden workshop with their child, encourage parents to volunteer in the school garden, or schedule regular meetings with parents to discuss student progress and provide updates on the garden project.

Safety Considerations (10 minutes)

Conduct a thorough risk assessment of the garden area before the lesson, provide students with gloves, gardening tools, and other equipment that are suitable for their age and ability, and establish clear rules and guidelines for behavior in the garden.

Reflection Questions (20 minutes)

How effectively did the mixed-ability groups work together, and what strategies could be implemented to enhance collaboration and teamwork in future lessons?

Next Steps (10 minutes)

Lesson 2: Garden Maintenance and Upkeep, Lesson 3: Garden Design and Renovation, Lesson 4: Garden Showcase and Community Engagement.

