



Student Name: _____

Class: _____

Student ID: _____

Date: _____

Project Overview

Duration: 10 pages	Objectives: Design and create crafts using Ferula Communis plant sticks, applying STEAM principles and artistic techniques
Topics Covered:	<ul style="list-style-type: none">• Introduction to Ferula Communis plant sticks• Design and planning• Craftsmanship and creation• Presentation and reflection• Teamwork and collaboration

Instructions to Students:

1. Read all instructions carefully before starting the project.
2. Show all working out and design processes - marks are awarded for method.
3. Use Ferula Communis plant sticks and other materials sustainably and responsibly.
4. Write your answers and reflections in the spaces provided.
5. If you need more space, use the additional pages at the end.
6. Time management is crucial - allocate approximately 1 minute per mark.

Introduction to Ferula Communis Plant Sticks

Welcome to this exciting project, where you will learn to design and create crafts using Ferula Communis plant sticks. This project combines Science, Technology, Engineering, Arts, and Mathematics (STEAM) principles with artistic expression and cultural heritage. As a 12-year-old student, you will develop problem-solving skills, critical thinking, and creativity while working with sustainable materials.

The Ferula Communis plant is native to the Mediterranean region and has been used for centuries in traditional crafts. By using the plant's sticks, you will learn about ecological awareness, cultural preservation, and the importance of renewable resources.


Background Information

The Ferula Communis plant has been used in various ways throughout history, including as a source of food, medicine, and craft materials. The plant's sticks are particularly useful for crafting due to their flexibility and durability.

As you work on this project, consider the cultural significance and traditional uses of the Ferula Communis plant. How can you incorporate these aspects into your design and creation process?

Research and brainstorm different craft ideas using *Ferula Communis* plant sticks. Consider the following:

- What type of craft would you like to create? (e.g., basket, picture frame, etc.)
- What materials will you need besides the plant sticks?
- How will you ensure sustainability and ecological awareness in your design?



Sketch and describe your design, including the materials and techniques you will use.



Create your craft project using the Ferula Communis plant sticks and other materials.

As you work on your project, consider the following:

- How are you applying STEAM principles and artistic techniques?
- What challenges are you facing, and how are you overcoming them?
- How can you improve your craftsmanship and attention to detail?



Presentation and Reflection

Present your finished project to the class, explaining your design and creation process.

Reflect on your learning experience, answering the following questions:

- What did you learn about the Ferula Communis plant and its cultural significance?
- How did you apply STEAM principles and artistic techniques in your project?
- What would you do differently next time, and what skills do you need to improve?



Conclusion and Evaluation

Evaluate your own learning and project outcomes, using the success criteria as a benchmark.

Provide feedback to your peers, suggesting areas for improvement and strengths.

Reflect on what you learned about STEAM education, artistic expression, and cultural heritage, and how you can apply these skills in future projects.

