

Core Skills Analysis

Biology

- The student learned about different plant species and their unique scents, enhancing their knowledge of botany.
- Understanding the process of extracting scents from plants through distillation or enfleurage method.
- Exploring the importance of scent glands in plants and how they produce fragrances to attract pollinators.
- Connecting the concept of natural perfumery to the ecosystem and how it highlights the biodiversity of local flora.

Chemistry

- Learning the chemical composition of plant-based scents and how extraction methods like steam distillation rely on these compounds.
- Understanding the principles of solubility and how different plant materials release their scents in carrier oils.
- Experimenting with the effects of temperature and pressure on scent extraction, delving into thermodynamics.
- Recognizing the role of alcohols, esters, and other organic compounds in creating natural perfumes.

Tips

To further enhance your skills in perfume-making from local plants, consider experimenting with different extraction techniques such as maceration or tincturing. Engage with local botanists or perfumers to gain insights and expand your knowledge. Keep a journal to record your experiments and observations, noting the variations in scents based on plant species and extraction methods. Lastly, explore the cultural and historical significance of botanical perfumery to add depth to your practice.

Book Recommendations

- [The Art of Natural Perfumery](#) by Sophia Ashdown: A comprehensive guide on crafting perfumes from botanical sources, covering extraction methods, blending techniques, and the artistry of natural scents.
- [Botanical Perfumes and Fragrances](#) by Natalie Szabo: Explore the world of botanical perfumery through this book which delves into the history, chemistry, and art of creating fragrances from plants.
- [The Herbalist's Guide to Natural Fragrance](#) by Sandra Rosner: A practical handbook for those interested in using local herbs and flowers to create sustainable and aromatic perfumes, featuring step-by-step recipes and expert tips.