STEAM in Education



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The Art of Chemistry across the ages

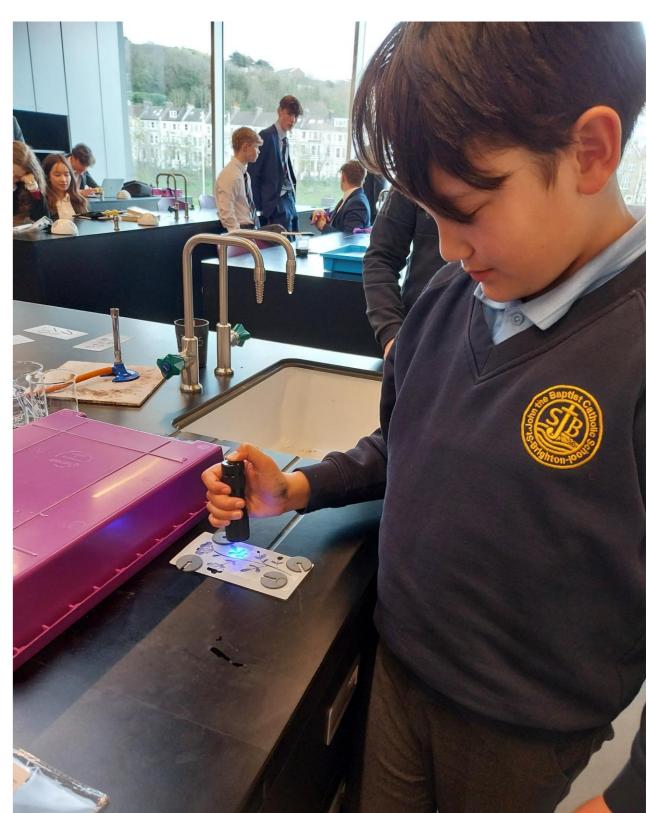
Exploring the natural world using Cyanoprinting

In this project, a chemical solution was used to create a simple type of photo paper: cyanotype paper.

The photo paper was created by older chemistry students, who prepared the solution and applied it to plain paper.

The older students then helped younger students to explore the natural world by helping them find suitable objects, like leaves, and placing them on the photopaper to create blue-and-white negatives.











The best part of the activity was that it blurred the lines between chemistry, art, and natural sciences, whilst also putting learning journeys and lived experiences of the students into a longer-term perspective. This provided a stand-out experience for both younger and older students.

Conclusion: The magic that chemistry can bring into all stages of education helps to ignite a fascination with the world around us and incites intrinsic questions that prepare our minds for further learning.