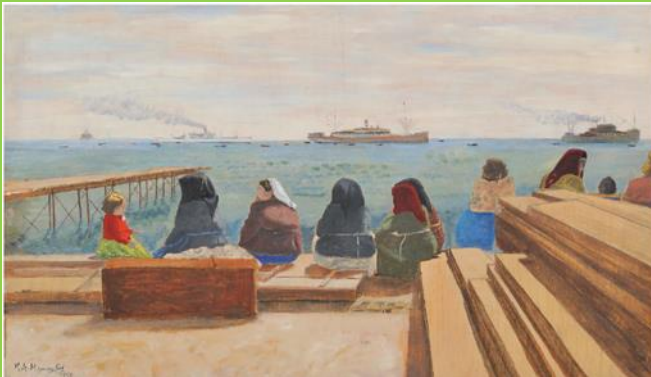
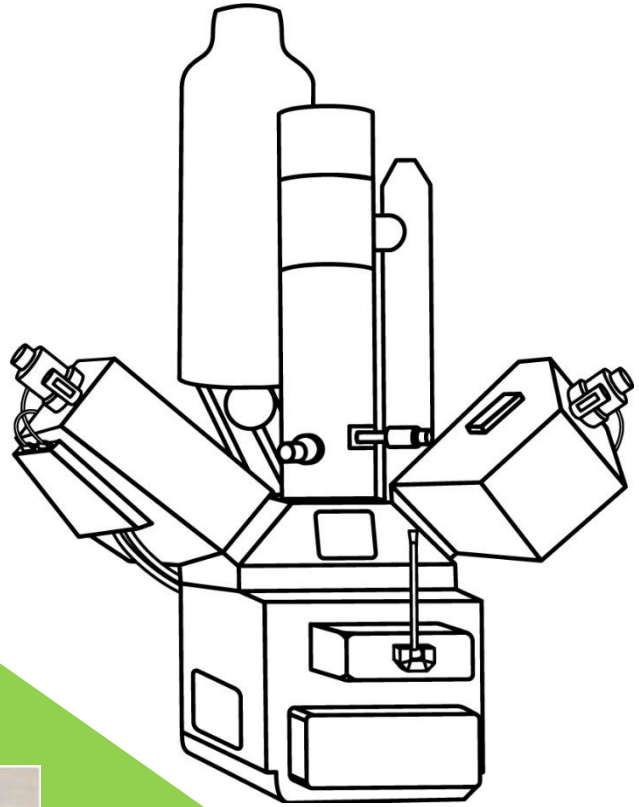


Elemental (EDS) Analysis Results



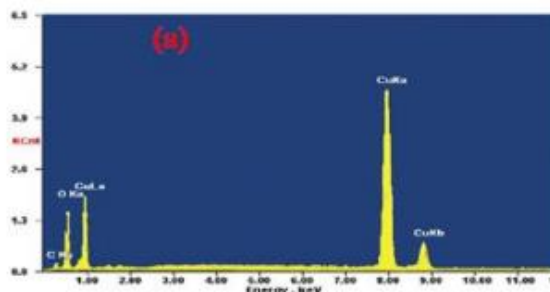
Those Left Behind

The SciArt Project 2024

Results Report




Point of Interest 1: Green painting layer

This is the EDS spectrum of the analysis performed on the green painting layer of Point of Interest 1. We observe that it is mainly composed of copper, oxygen and carbon.



Copper (Cu)	25%
Oxygen (O)	45%
Carbon (C)	25%

Based on these elements, possible pigments that were used for the green painting layer are malachite, verdigris or chrysocolla.

Name	Chemical Formula	Image
Malachite	$\text{CuCO}_3 \cdot \text{Cu(OH)}_2$	
Verdigris	$\text{Cu(CH}_3\text{COO)}_2 \cdot 2\text{Cu(OH)}_2$	
Chrysocolla	CuSiO_3	

Point of Interest 2: Wood from the plywood

This is the EDS spectrum of the wood collected from Point of Interest 2. The elemental analysis shows that it is composed of carbon and oxygen. These elements are characteristic of organic materials, such as wood.

