

Development of Chemistry – The Scientific Method

Complete the following worksheet based on the information given in class, on the PowerPoint, and on the scanned book pages.

1. Many aspects of the world shaped modern science and *chemistry*. Listed below are several of the main areas that lead to *chemistry*. Explain in a short sentence the impact each had on the development of chemistry.

Area of Development	Effect on Chemistry Development
Metallurgy and Pottery	
Alchemy	
Early work by the scientists Hook / Boyle	
Lavoisier and his book on Chemistry	

2. Complete the following Scientific Method Roadmap

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3. Define the following parts of the scientific method

Part of the Scientific Method	Definition
Observation	
Hypothesis	
Experimentation	
Results	
Theory and Laws	

4. What is the main goals of the scientific method?