

Chemistry in action

1-Describe the main character of Flavia de Luce.

2. Flavia has access to her Great Uncle's chemistry lab. What types of equipment does Flavia have in her lab as she describes. What is each type of equipment used for?

<u>Equipment</u>	<u>Use</u>
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3. List all of the poisons that Flavia has knowledge of as well as their chemical formulas. Also list their quantitative properties as well as qualitative properties. List the symptoms of exposure or ingestions of these poisons.

4. Ether is mentioned quite often in the story. What is the chemical formula of ether? What is its history of use in the medical profession? What are results of exposure to ether?

5. What is the test Flavia performs on the red liquid dripping in the church? What do the results of the test prove?

6. List any other chemical compounds mentioned in the book (other than poisons) along with their chemical compositions.

7. What do you think about Flavia performing unsupervised in her laboratory? How does the time period relate to this?