

Lesson Plan | Sutaita Al-Mahamli

Agenda	Action																								
Do Now	Instructor will introduce the field of inheritance calculations and ask the class about what they hypothesize the importance of such calculations were in golden age islam.																								
Read Aloud	The class will take turns reading the paragraphs summarizing Sutaita’s life on the website out loud.																								
Watch Video	Instructor will play video on Sutaita Al-Mahamli for class and answer any questions afterward.																								
Presentation	The instructor will briefly present slides discussing the life and contributions of Sutaita Al-Mahamli to the field of inheritance calculations founded by Al-Kwarizimi.																								
Interactive	<p>To get an understanding of the type of complicated calculations that Sutaita had to undertake, students will engage with an accurate islamic inheritance calculator which is capable of making successoral calculations. Students can also view the 44 rules of inheritance which describe the prescribed shares of inheritance a relative (i.e., children, parents, paternal relatives, etc.), as well as a few test cases.</p> <div style="display: flex; justify-content: space-around;"> <table border="1" data-bbox="813 1501 1084 1619"> <caption>Shares by Category</caption> <thead> <tr> <th>Relative Category</th> <th>Share Fraction</th> <th>Share Percentage</th> </tr> </thead> <tbody> <tr> <td>Husband</td> <td>1/4</td> <td>25%</td> </tr> <tr> <td>Son</td> <td>3/4</td> <td>75%</td> </tr> </tbody> </table> <table border="1" data-bbox="1182 1501 1393 1667"> <caption>Shares by Individual</caption> <thead> <tr> <th>Relative</th> <th>Share Fraction</th> <th>Share Percentage</th> </tr> </thead> <tbody> <tr> <td>Husband</td> <td>1/4</td> <td>25%</td> </tr> <tr> <td>Son 1</td> <td>1/4</td> <td>25%</td> </tr> <tr> <td>Son 2</td> <td>1/4</td> <td>25%</td> </tr> <tr> <td>Son 3</td> <td>1/4</td> <td>25%</td> </tr> </tbody> </table> </div>	Relative Category	Share Fraction	Share Percentage	Husband	1/4	25%	Son	3/4	75%	Relative	Share Fraction	Share Percentage	Husband	1/4	25%	Son 1	1/4	25%	Son 2	1/4	25%	Son 3	1/4	25%
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Discussion	Students will discuss the importance of Sutaita’s calculations and her story and contributions may have influenced them.																								