Topics for Golden Age of Islam Exhibit

1. **Topics based on *The Genius of Islam* (each topic has a 2-3 page chapter devoted to the topic)**

   - Islamic Calligraphy
   - Geometric Patterns in Art
   - The Art and Use of Paper Making
   - Architecture and the Pointed Arch
   - The New Math – Arabic Numbers
   - Astronomy and the Astrolabe
   - Medical Care and the Bimaristan
   - Agriculture: qanats, water wheels and food varieties
   - Mechanical innovation based on the crank and connecting rod
   - Optamology
   - Music
   - The House of Wisdom
   - Philosophy

2. **Important People**

   - Ibn Sina
   - Ibn Rushd
   - Fatima Al Fihri
   - Mimar Sinan
   - Abbas Ibn Firnas
   - Al Jazari
   - Ibn al Haythan
   - Merriam al Astrulabiya

3. **Individual Topics (The Book 1001 Inventions & Awesome Facts is very helpful)**

   - Islamic Arts: Pottery, fabric, geometric design
   - Innovations in geographic science
   - Innovations in Exploration
   - Trade and Money Throughout the Islamic Empire
   - Muslim Innovation in Weaponry
   - Architectural innovation
   - Islamic discoveries in Flight
   - The House of Wisdom
   - Islamic advances in Medicine
   - Islamic Advances in Surgery
   - Islamic design of towns
   - Islamic Gardens
   - Coffee
   - Harnessing wind and water for use
   - Muslim Foods throughout the Empire
   - Islamic Advances in Vision
   - Islamic advances in Fashion
   - Islamic Music
   - Islamic Advances in Communication