Name: ___________________________________

**Spellbound Episode 1 Ahmed Zewail: Video Questions**

**Instructions**
While watching the video, answer the following questions:

1. Where did Ahmed Zewail grow up?

2. What did Ahmed’s family do to encourage his intellectual curiosity when he was in elementary school?

3. What is femtochemistry?

4. How did Ahmed’s new technique allow him to study chemical reactions?

5. What materials did Ahmed use for his very first experiment as a child?

6. How did Ahmed’s mother respond to his first experiment?

7. Where did Ahmed study for his Ph.D.?

8. What did Ahmed say was critical for success?

After you watch the video, reflect on the following questions:

9. How would your family have reacted if you had done chemistry experiments in your house? Describe the possible reactions of at least two family members or friends.
10. What are you passionate about? How would you like to use your passion to make a difference in the world?

11. If you had the opportunity to ask Ahmed one question (about anything – his work, his life, etc.), what would it be?