Chapter 2: Generating and Shaping Ideas: Tradition and Innovation

# Discussion Questions

1. Examine Figure 2.2 in Chapter 2. Generate and discuss research ideas and topics that can be generated from each part of the Student Sphere of Activity.

2. Discuss the difference between applied and basic research. What are some topics that would be investigated using applied and basic research? What are some topics that may use both types of research?

3. Discuss the difference between primary and second sources. What are some examples of primary and secondary sources? What can be potential problems with secondary sources and evaluating these sources? What advice from this discussion can you generate for yourself and your classmates about the use of these types of sources?

4. Discuss how the sections of a journal article fit into the quest for both tradition and innovation in research. What sections reinforce science’s quest for tradition and which one’s reinforce the quest for innovation?