Guiding Research Questions

- What is a chemical reaction?
- What are photosynthesis and cellular respiration?
- What types of organisms do each of these?
- Where in a plant cell do these reactions occur?
- How are these reactions related to the transfer and flow of energy through an ecosystem?
- What is the importance of each reaction?
- What substances are necessary for each reaction to occur, and what does each reaction create?
- How are these two reactions related?
- What are some environmental factors might affect the ability of these reactions to occur effectively?