**BRCA Gene**

1. What is the BRCA gene?
2. What can cause these cancer cells to divide rapidly?
3. What are the odds that a woman with the BRCA mutation will develop breast or ovarian cancer?

**Progeria**

1. What does Progeria do to a child?
2. How long do children with Progeria usually live?
3. How old was Sam when he passed away?

**Sickle Cell Mutation**

1. How is malaria spread?
2. What genetic mutation changes the shape of the hemoglobin molecule?
3. What happens when a child receives a sickle cell gene from each parent?

**Real Life Super Powers**

1. What are the two “powers” talked about in the article?
2. Pick one of the two mutations and tell some of the negative side effects.
3. Why are drug companies interested in genes from people with these mutations?