

Huntington's Disease 2013

The 'elephant in the room' for the Timberlake/Begley family was Huntington's Disease (HD). The husband's family was told that his father died of a brain tumor, rather than being told it was HD. Approximately 30,000 people are affected by HD in the United States.

As a team of lawyers and doctors, advise the family about the implications this disease may have for their children and grandchildren, as well as the legal issues pertaining to genetic testing and coverage under the Affordable Care Act. Present your findings and recommendations on November 13.

Tuesdays with Morrie, by Mitch Albom
Genome, Matt Ridley (*Chapter 4, Fate*)

Genetics Labs

<u>Language Arts</u>	<u>Science</u>	<u>Social Studies</u>	<u>Technology</u>
<p>BOE – narrative/theme ~ Choose one "Tuesday". How does this lesson address the theme of the book?</p> <p>Research Citations Summary skills (ACA) Communication/public Literature: <i>Tuesday's with Morrie</i> <i>Genome: Chapter 4 ~ Fate</i></p>	<p>How does DNA create what you are and how you function?</p> <p>Inheritance Process of cell division: mitosis & meiosis DNA/RNA structure and replication Protein synthesis Role of proteins in human traits (enzymes, structure) Amino acids: building blocks of proteins Probability</p>	<p>When there is access to private information about you, what are your rights, who is protecting those rights, and how?</p> <p>Impact of legislation on individuals and society Impact of the Affordable Care Act</p>	<p>Graphic display/illustration of scientific concepts.</p> <p>Bamboo Story Boards & Slides (for 5-minute <i>Ignite</i> presentations)</p>