

HHMI Activity 2 Cancer Patient Cards – Extension Lesson

Students have compared the type, function, and location of genes associated with 8 types of cancer. They have studied the genes of multiple patients with multiple types of cancer looking for trends and patterns. Students conclude that there are trends but saw no specific causation between gene and cancer type.

The Extension Lesson

- Cancer Staging – understanding the process of determining how much cancer is in a person's body and where it is located
 - Students will read the following articles-

<https://www.cancer.gov/about-cancer/diagnosis-staging/staging?redirect=true>

<https://www.cancer.org/treatment/understanding-your-diagnosis/staging.html>

- Case Study – students will listen to a TED talk narrated by a cancer survivor who shares her diagnosis, prognosis and treatment.

<https://www.youtube.com/watch?v=NRtneB2iqW8>

- Personal Reflection – students will take a self-survey and will develop a strategy to reduce their personal risk for developing cancer. (There are many risk assessment surveys online. I would leave it up to the teacher to determine which assessment best fits the needs of his/her/their students.)

The end goal of this extension is for students to take notice of the life choices they make and the consequences of those choices on their health.