



## MEDICAL DETECTIVES



### STUDENT VOICE

Students are a major part of this course. You are researching medical diagnoses that interest you and presenting it to the class. You build models that get used in your very own stop motion, Script a Breaking News report about a medical emergency and use medical files and symptoms to figure out what is going on with a patient's brain.



### HS CONNECT

Medical Detectives is the exploratory course to help you decide if BioMed is for you.

If you are interested after this course, High School has a 4 year program that can lead to college credit towards a degree in the medical field.



### PARTICIPATION EXPECTATIONS

*In Medical Detectives, we are looking for students who want to explore!*

Bring your enthusiasm and willingness to try new things: dissecting a sheep brain, growing E. Coli, Stop Motion Nerve Cells (with modeling) and other student centered activities. Be a part of the conversation when we have guest speakers and enjoy learning about the medical field!

## COURSE DESCRIPTION

Students play the role of real-life medical detectives as they analyze genetic testing results to diagnose disease and study DNA evidence found at a "crime scene." They solve medical mysteries through hands-on projects and labs, investigate how to measure and interpret vital signs, and learn how the systems of the human body work together to maintain health.

## WHY MEDICAL DETECTIVES?

*Where else can you dissect a sheep brain? Medical Detectives is a great elective for those who love life science and want to be a part of the medical field when older. It is also good to try it out if you aren't sure what you want to do. I will work with any student who wants to try but is apprehensive.*

