

7TH/8TH GRADE - MEDICAL DETECTIVES - MRS. PEASE

COURSE DESCRIPTION:

Medical Detectives is an elective 9-week course for 7th and 8th grade students. In Medical Detectives, students play the role of real-life medical detectives as they collect and analyze medical data to diagnose disease. They solve medical mysteries through hands-on projects and labs, measure and interpret vital signs, dissect a sheep brain, investigate disease outbreaks, and explore how a breakdown within the human body can lead to dysfunction.

COURSE OUTLINE:

Lesson 1: Disease Detectives (Approximately 17 Days)

- Activity 1.1 Vital Signs
- Activity 1.2 Exploring What's Vital
- Activity 1.3 Disease Agents
- Activity 1.4 Disease Diagnosis
- Project 1.5 Diagnostic Detectives
- Lesson 1 Assessment

Lesson 2: Mysteries of the Human Body (Approximately 13 Days)

- Activity 2.1 Secrets of the Nervous System
- Activity 2.2 Smart Signals
- Activity 2.3 Mysterious Miscommunications
- Activity 2.4 The Control Center
- Project 2.5 Mystery Disease
- Lesson 2 Assessment

Lesson 3: Outbreak! (Approximately 10 Days)

- Activity 3.1 Food Fiasco
- Problem 3.2 Disease Detectives
- Unit Assessment

Grading Policy - All Medical Detectives students are given 2 grades per quarter: an academic and effort grade. Dividing the student's **total points** by the total points possible that quarter equals the academic grade. See the grading scale below:

A+= 98.5+ C+= 82.5+

A= 94.5+ C= 77.5+

A-= 92.5+ C-= 75.5+

B+= 90.5+ D+= 73.5+

B=86.5+ D= 71.5+

B-= 84.5+ D-= 69.5+

F=69.4 and below

ASSIGNMENTS/LATE WORK:

It is your responsibility to make arrangements with me to work before/after school if you are not able to finish your work during the class. **Work is considered late the day after the due date.** Late work may not be turned in after the end of a lesson. See the PLTW-Medical Detectives Grading Policy for more specific information.

Absence Policy – It is extremely important that the students are in class; however, absences do occur. Keep in mind, when students are gone, they miss valuable information! Since this is a project based class, and most work is completed in class, it is important to see me to make arrangements to get caught up as soon as you return to school.

*The weekly homework is posted on the school website:
MASD website > Staff directory > Search > Pease > go to website*

YOU ARE RESPONSIBLE FOR GETTING YOUR MISSING ASSIGNMENTS AND HANDING THEM IN WITHIN THE ALLOTTED TIME FRAME!

According to District policy, you have one day for every day that you are absent to make up the missing work to include assignments, quizzes, labs, and tests.

Infinite Campus - Infinite Campus is an online grading program that allows parents and students the opportunity to check student progress **at any time**. When viewing student science scores, the following information will be helpful:

- **Missing** = the work was **never** turned in and is calculated as a zero. **Any** work that is not handed in **on-time** is marked as missing, regardless of the reason. *Once the work is turned in, the zero will change to a grade. If the work doesn't get turned in within the district allotted time frame, the zero stands.*
- **Late** = the work was turned in late.

*Please note: The district allows teacher approximately 2 weeks to enter grades. If you handed in work **late** for whatever reason, it may not be entered on the day you handed it in. It will get entered in a timely fashion, but it may not be instantaneous!*

BYOD – Bring Your Own Devices -Students may use their own personal electronic devices **as directed by the teacher**. If the device is not needed in class - it **MUST** be silenced and out of sight! Students should adhere to all MASD guidelines regarding the use of BYOD in school.

Help – Any student who wishes to receive help at any time during the school year should request assistance after school or during a study hall.

Contact Information - peasejo@masd.k12.wi.us 262-393-6292 ext. 27065

Email is the best way to get in contact with me. Please understand that given my schedule and my teaching responsibilities, I may not be able to respond to you immediately. **It is always my intent to respond within 24 hours.**

