



Liberty Middle School

281 Dock Murphy Drive, Madison, Alabama 35758

Mrs. Alysa Simpson RN
Health Science Discovery

Teacher Contact Information	Email: alsimpson@madisoncity.k12.al.us Classroom Phone: 256-430-0001 ext. 83129
Classroom Digital Platforms	Webpage Link: https://www.madisoncity.k12.al.us/Page/1503 Schoology Link: Can be accessed through MCS account
Textbook Information, Required Texts, and Other Instructional Materials	ISBN: 978-0-357-12307-2 Classroom <i>Parents and copies of Introduction to Health Care & Careers Enhanced Edition guardians can access other supplementary materials through the Schoology platform.</i>
Course Description	Health Science Discovery introduces concepts and skills needed in a variety of professions in healthcare, including nursing, physical therapy, emergency medicine, medical laboratory technology, respiratory therapy, environmental sciences, and informational services. Course content presents basic skills, education, training, and job requirements in selected healthcare professions to help students make informed decisions regarding their college and career goals. The course includes information concerning practices that promote health and wellness and prevent disease. Students will also be introduced to legal and medical ethics, communication, medical math, medical terminology, and technical skills related to healthcare. The course is designed to encourage hands-on learning using equipment, materials, and technology appropriate to the course content in accordance with current practices.
Course Objectives	1. Incorporate safety procedures in handling, operating, and maintaining tools and machinery; handling materials; utilizing personal protective equipment; maintaining a safe work area; and handling hazardous materials and forces. 2. Demonstrate effective workplace and employability skills, including communication, awareness of diversity, positive work ethic, problem-solving, time management, and teamwork. 3. Explore the range of careers available in the field and investigate their educational requirements and demonstrate job-seeking skills including resume-writing and interviewing. 4. Advocate and practice safe, legal, responsible, and ethical use of information and technology tools specific to the industry pathway. 5. Participate in a Career and Technical Student Organization (CTSO) to increase knowledge and skills and to enhance leadership and teamwork. 6. Demonstrate effective infection control techniques as defined by the Centers for Disease Control and Prevention (CDC) and The Joint Commission guidelines. 7. Describe a variety of healthcare professions, indicating the purpose and scope of practice of each one. a. Research and report on the historical development of the healthcare industry, its leaders, and its response to major scientific advancements. b. Research and report on the impact of medical research on the healthcare industry. c. Investigate and present information about a healthcare career area of interest.
Course Outline/Program Instructional Delivery Plan	Instructional Delivery Plan: Multiple delivery methods will be used during our instructional time these include but are not limited to: lecturing, modeling, interactive lectures, demonstrations, recap sessions, group discussions, and teacher led simulations. Units will be integrated into each other with overlapping concepts and terms.

	A. Introduction to the course and classmates 1. Introductions to teacher and classmates 2. Team Building Activities 3. Syllabus Introduction 4. Lab Safety Review & Exam: <i>Must have a 100% pass rate</i> 5. Lab Safety Exam B. Unit 1: Healthcare Today 1. Your Career in Healthcare 2. Healthcare Yesterday, Today and Tomorrow 3. Ethical and legal Responsibilities C. Unit 2: The Language of Healthcare 1. Medical Terminology 2. Medical Math A. Unit 3: The Human Body 1. Organization of the Human Body 2. Structure and Function of the Human Body 3. Growth and Development B. Unit 4: Personal and Workplace Safety 1. Body Mechanics 2. Infection Control 3. Environmental Safety C. Unit 5: Behaviors for Success 1. Lifestyle Management 2. Professionalism 3. Professional Development and Lifelong Learning D. Unit 6: Communication in the Healthcare Setting 1. The Patient as an Individual 2. The Communication Process 3. Written Communication 4. Computers and Technology in Healthcare 5. Documentation and Medical Records E. Unit 7: Health Care Skills 1. Physical Assessment 2. Emergency Procedures F. Unit 8: Business of Caring 1. Paying for Healthcare 2. Quality Control and Customer Service G. Unit 9: Securing and Maintaining Employment 1. Job Leads and the Resume 2. Interview, Portfolio, and Application 3. Successful Employment Strategies <i>*This course outline is subject to change at any time.</i>
Credentialing	N/A
Classroom Expectations	1. Have a positive attitude. 2. Be responsible. 3. Be respectful to others and their opinions. 4. Set high expectations for yourself. 5. Follow all school rules All students must follow the Madison City Schools Code of Conduct.
Technology & Cell Phone/Digital Device Procedures	Effective July 1, 2025, the use, operation, or possession of Wireless Communications Devices including but not limited to cellular telephones, tablet computers, laptop computers, pagers, gaming devices, smart watches, earphones or headphones in school buildings or on school grounds during the Instructional Day, is prohibited. Violation of Board policy with respect to such use, operation, or possession of Wireless Communication Devices will constitute a Class II violation. Madison City Schools has outlined an Electronic/Wireless Device Policy (Policy 6.20) on page 137 of the MCS Policy Manual.

	Students should bring their MCS chrome books and chargers to class each day. Teachers monitor student activity and participation; however, students are responsible for their activity on school-issued devices and using their MCS accounts.
Progressive Discipline	Liberty Middle School Classroom Management Plan: Step 1: Verbal warning Step 2: Student/teacher conference with parent notification Step 3: Parent contact/conference Step 4: Detention Step 5: Referral to administration for repeat Class I violations and initial Class II and Class III offenses (Madison City Schools Code of Conduct)
Grading Policy (MCS Policy)	60% = Assessments (Tests, Essays, Projects) 40% = Daily Grades (Quizzes, Homework, Classwork, and Participation) 70% = High School Credit Assessments 30% = High School Daily Grades
Late Work Policy	For work turned in late, the following policy will apply: - The assignment will drop one LETTER grade for each school day that passes. For example, if an assignment is turned in one school day late, the highest a student can receive is 89%; two days late, 79%, etc. 1 day late = maximum credit 89% 2 days late = maximum credit 79% 3 days late = maximum credit 69% 4 days late = maximum credit 59% 5-10 days late = maximum credit 50% Half credit is always better than no credit! Until work has been made up, "Missing" (which counts as a zero) will be put in the grade book. This will be updated once work is completed and turned in. Students are expected to turn assignments in on time in order to have the greatest chance of success. Requesting an Extension for a Late/Missing Assignment: - Students will need to email Mrs. Simpson to request an extension including the time they required to complete the assignment.. Students must copy their parents on this email. Students (and parents) who do not request an extension AND have a D or F in the class will receive an email detailing missing assignments and the date of a required study session the student must attend in order to complete the work.
Make-up Work/Test Policy	Students with excused absences will be allowed to make-up all work within three days of returning to school. It is the student's responsibility to ask for make-up work. Students can get with a classmate or ask the teacher for help. Work that is not made up will become a zero (including quizzes/tests).
Homework	All assignments and projects will be given ample amounts of time to be completed during class time. Time management will be reviewed, then requested by all students. If poor time management in class is displayed, students will be expected to finish assignments at home to be brought back to school the following day.
Parent & Student Acknowledgment Form	<i>A digital copy of the Medical Detectives syllabus is on Schoology. Please review and submit this portion back to your teacher.</i> <i>All Student assignments will be posted in Schoology; however, all grades will be posted in Powerschools. Thank you for your support and I encourage you to contact me with any questions or concerns . Students will return this signed copy and a digital version of this syllabus is available on schoology & my LMS website for reference. Please sign below that you have received and read the syllabus and will abide by all policies. Thank You! Alysa Simpson</i>

	STUDENT FULL NAME (Please Print)	BLOCK	DATE
	PARENT SIGNATURE	PARENT PHONE NUMBER(S)	
<i>Please include any concerns or notes to Mrs. Simpson below:</i>			

This syllabus is subject to change.