



8TH GRADE SCIENCE



COURSE SYLLABUS

INSTRUCTOR: SHON LARM

EMAIL: SHON.LARM@TVCS.ORG

PHONE: (352) 259-0044 EXT:1140 ROOM # 140

COURSE DESCRIPTION

THIS COURSE SHOULD FILL STUDENTS WITH A DESIRE TO UNDERSTAND THE EARTH AND HOW THE DIFFERENT COMPONENTS INTERACT WITH EACH OTHER. EARTH/SPACE SCIENCE WILL COVER THE FOLLOWING AREAS.

- ❖ **NATURE OF SCIENCE**
 - SAFETY
 - SCIENTIFIC METHOD & ENGINEERING DESIGN PROCESS
 - MEASUREMENT & GRAPHS
 - SCIENCE FAIR
- ❖ **ENERGY**
 - ENERGY, MOTION, FORCE, AND WORK
 - KINETIC ENERGY & POTENTIAL ENERGY
 - OTHER FORMS OF ENERGY
 - ENERGY CHANGE AND CONSERVATION
- ❖ **FORCE AND MOTION**
 - DESCRIBE MOTION AND FORCE
 - SPEED, VELOCITY, AND ACCELERATION
 - NEWTON'S LAWS OF MOTION
 - FRICTION AND GRAVITATIONAL INTERACTIONS
- ❖ **THERMAL ENERGY**
 - THERMAL ENERGY, HEAT, AND TEMPERATURE
 - HEAT TRANSFER
 - HEAT AND MATERIALS
- ❖ **WAVES AND ELECTROMAGNETIC RADIATION**
 - WAVE PROPERTIES
 - WAVE INTERACTION
 - ELECTROMAGNETIC WAVES
- ❖ **INTRODUCTION TO MATTER**
 - DESCRIBE AND CLASSIFYING MATTER
 - MEASURING MATTER
 - CHANGES IN MATTER
- ❖ **SOLIDS, LIQUIDS, AND GASES**
 - STATES OF MATTER
 - CHANGES OF STATE
 - GAS BEHAVIOR
- ❖ **ATOMS AND THE PERIODIC TABLE**
 - ATOMIC THEORY
 - THE PERIODIC TABLE
 - BONDING AND THE PERIODIC TABLE
 - TYPES OF BONDS
 - ACIDS AND BASES

- ❖ **CHEMICAL REACTIONS**
 - MIXTURE AND SOLUTION
 - CHEMICAL CHANGES
 - MODELING CHEMICAL REACTIONS
 - PRODUCING USEFUL MATERIAL
- ❖ **REVIEW MIDDLE SCHOOL SCIENCE STANDARDS**
 - EARTH SCIENCE
 - ASTRONOMY
 - LIFE SCIENCE

TEXTBOOK/CURRICULUM

PEARSON ELEVATE SCIENCE

- ❖ **TEXTBOOKS ARE AVAILABLE IN AN ONLINE FORMAT.**

ASSESSMENT

STUDENTS' GRADES WILL BE DETERMINED BY USING THE FOLLOWING CATEGORIES AND PERCENTAGES:

| | | |
|------------------------------|-----------|------------|
| PRACTICE | -- | 30% |
| PERFORMANCE (MASTERY) | -- | 70% |

GRADING SCALE A (90-100) B (80-89) C (70-79) D (60-69) F (0-59)

CLASSROOM EXPECTATIONS/RULES

- 1. BE ON TIME AND WHERE YOU ARE SUPPOSED TO BE. (BE SUCCESSFUL)**
- 2. BE PREPARED AND ON TASK. (BE SUCCESSFUL)**
- 3. ASK FOR WHAT YOU NEED. (BE SUCCESSFUL)**
- 4. STRIVE FOR EXCELLENCE AND ALWAYS DO YOUR BEST. (BE SUCCESSFUL)**
- 5. RESPECT THE RIGHTS, RESPONSIBILITY, AND PROPERTY OF OTHERS. (BE RESPECTFUL)**
- 6. BE SAFETY (BE SAFE)**

YOU ARE RESPONSIBLE FOR READING AND FOLLOWING THE STUDENT HANDBOOK AS WELL AS CLASSROOM PROCEDURES AND CLASSROOM RULES. WHEN YOU MAKE A CHOICE THAT VIOLATES CLASSROOM AND/OR SCHOOL RULES, DISCIPLINARY CONSEQUENCES WILL BE IMPLEMENTED. PLEASE REFER TO THE FOLLOWING DOCUMENTS FOUND ON THE TVCS.ORG WEBSITE UNDER "MIDDLE SCHOOL!", "FORMS/DOCUMENTS/NEWSLETTERS":

- **VCMS STUDENT HANDBOOK**
- **21-22 CLASSROOM BEHAVIOR MANAGEMENT PLAN**

VCMS BELL SCHEDULE

1ST PERIOD: 8-8:50

2ND PERIOD: 8:54-9:50

3RD PERIOD: 9:54-10:45

4TH PERIOD: 10:49-11:40

5TH PERIOD: 11:44-1:05 (INCLUDING A 25-MINUTE LUNCH PERIOD)

6TH PERIOD: 1:09-2:00

7TH PERIOD: 2:04-2:55

PROCEDURES

DAILY REQUIRED MATERIALS:

ALL STUDENTS MUST HAVE THE FOLLOWING SUPPLIES WITH THEM DAILY. IT IS THEIR RESPONSIBILITY TO REPLACE THESE ITEMS IF LOST OR USED UP.

- ❖ **MUST HAVE PENS (ANY COLOR), PENCILS (MECHANICAL ARE FINE), HIGHLIGHTERS (KEEP 2 AT ALL TIMES AS THESE ARE USED DAILY)**
- ❖ **2 PACKS OF LINED PAPER (1 PACK TO BE LEFT IN CLASSROOM)**
- ❖ **2 PLASTIC FOLDERS WITH POCKETS AND PRONGS (1 FOR CLASS/ 1 FOR SCIENCE PROJECT)**
- ❖ **PENCIL POUCH (IN STUDENT'S BACKPACK)**
- ❖ **2 GLUE STICKS (IN STUDENT'S PENCIL POUCH)**
- ❖ **CRAYON, COLORED PENCILS, AND/OR MARKERS (IN STUDENT'S PENCIL POUCH)**
- ❖ **STUDENT SCISSORS (IN STUDENT'S PENCIL POUCH)**
- ❖ **PENCIL SHARPENER (IN STUDENT'S PENCIL POUCH)**
- ❖ **METRIC RULER (IN STUDENT'S PENCIL POUCH)**

GOOGLE CLASSROOM:

**ASSIGNMENTS WILL BE POSTED ON GOOGLE CLASSROOM WITH A DUE DATE.
YOUR GOOGLE CLASSROOM CODE IS ON THE TEACHER CONNECTION PAGE.**

GOOGLE CLASSROOM HAS A WEEKLY ASSIGNMENTS TEMPLATE UNDER CLASSWORK. ALL CLASS ASSIGNMENTS WILL BE DISPLAYED UNDER THE WEEKLY TOPIC FOR THE WEEK.

ASSIGNMENTS WILL BE TURNED IN THROUGH GOOGLE CLASSROOM TO BE GRADED. IF ASSIGNMENTS ARE WRITTEN OR CREATED WITHOUT A COMPUTER (POSTER, BUILDS, LABS ETC.) PLEASE TAKE A PICTURE/ VIDEO AND SUBMIT IT.

BELL RINGER/DISMISSAL:

DAILY WARM UP

DURING THE FIRST FIVE MINUTES OF EACH CLASS STUDENTS WILL COMPLETE A DAILY WARM UP. WARM UPS ARE CHECKED DAILY AND PUT IN AS A WEEKLY WARM UP GRADE.

LAB/ACTIVITIES

STUDENTS WILL BE GIVEN WRITTEN AND VERBAL LAB PROCEDURES. FOLLOWING THESE PROCEDURES WILL KEEP STUDENTS SAFE. ANY IRRESPONSIBLE LAB BEHAVIOR WILL RESULT IN NO CREDIT ON A LAB. FAILURE TO FOLLOW LAB RULES/GUIDELINES WILL RESULT IN THE STUDENT(S) NOT BEING ABLE TO COMPLETE THE LAB. STUDENTS WILL THEN ONLY OBSERVE, FILL OUT A THINK PAPER AND COMPLETE AN ALTERNATIVE ASSIGNMENT DURING THE LAB TIME FOR CREDIT.

MAKE-UP WORK/ LATE WORK:

ABSENCE POLICY

IT IS THE STUDENTS RESPONSIBILITY TO COMPLETE ANY ASSIGNMENTS YOU MISS DUE TO AN ABSENCE. MISSED WORKSHEETS ARE AVAILABLE IN THE WORK FILING BOX IN THE CLASSROOM OR GOOGLE CLASSROOM. IT IS THE STUDENT'S RESPONSIBILITY TO SCHEDULE THE MAKEUP WORK AND TEST. STUDENTS WILL RECEIVE AN ADDITIONAL DAY FOR EVERY ABSENCE FOR DAILY ASSIGNMENTS. NO ADDITIONAL DAYS WILL BE GIVEN FOR PROJECTS.

MISSING OR LATE WORK

MISSING OR LATE ASSIGNMENTS WILL DECREASE THE STUDENT'S GRADE ON THE ASSIGNMENT BY 10% PER SCHOOL DAY. ANY CLASS WORK NOT FINISHED DURING CLASS TIME IS CONSIDERED HOMEWORK FOR THE EVENING, SO STUDENTS NEED TO USE CLASS TIME WISELY (SUFFICIENT CLASS TIME IS GIVEN TO COMPLETE WORK).

IMPORTANT DATES

PLEASE CHECK THE SCHOOL AND GOOGLE CLASSROOM CALENDARS FOR IMPORTANT DATES. THE GOOGLE CLASSROOM CALENDAR IS LOCATED IN THE TEACHER CONNECT WEB PAGE OR IN YOUR STUDENT'S GOOGLE CLASSROOM.

ADDITIONAL ASSISTANCE AND COMMUNICATION

I AM AVAILABLE TO ANY STUDENT OR PARENT REQUESTING ADDITIONAL ASSISTANCE OR NEEDING ADDITIONAL INFORMATION. IF YOU CHOOSE TO EMAIL ME, PLEASE REMEMBER TO PUT "STUDENT" IN THE SUBJECT LINE SO YOUR EMAIL WILL REACH ME THROUGH THE VCS WEB FILTER. IF YOU PREFER TO CONTACT ME BY PHONE, PLEASE CALL THE SCHOOL OFFICE AND LEAVE A MESSAGE REQUESTING ME TO RETURN YOUR PHONE CALL. IF I NEED TO CONTACT YOU, I WILL FIRST TRY TO CONTACT YOU THROUGH EMAIL UNLESS YOU HAVE INDICATED A PREFERENCE FOR PHONE CONTACT ON THE RETURN FORM.

**SYLLABUS FOR 8TH GRADE PHYSICAL SCIENCE
2021-2022**

INSTRUCTOR: MRS. LARM

******* PLEASE SIGN AND RETURN THIS PAGE BY MONDAY, AUGUST 9, 2021*******

OR

******* COMPLETE ONLINE IN GOOGLE CLASSROOM, BY MONDAY, AUGUST 9, 2021*******

[HTTPS://DOCS.GOOGLE.COM/FORMS/D/154Y48SIOZI19RHC8ATRELJB-SLIWQZKPG08BFQEZ04/EDIT](https://docs.google.com/forms/d/154y48siozi19rhc8atreljb-sliwqzkpg08bfqez04/edit) I HAVE READ THIS SYLLABUS AND THE 2021-2022 CLASSROOM BEHAVIOR MANAGEMENT PLAN. I UNDERSTAND THE EXPECTATIONS COMMUNICATED AND THE CONSEQUENCES THAT WILL BE APPLIED IF I CHOOSE TO FAIL TO FOLLOW THEM.

CLICK HERE [E-SIGN FOR SYLLABUS](#)