

**KEEP!**

# 7<sup>th</sup> GRADE SCIENCE SYLLABUS

**KEEP!**

**Miss Mikasa  
Room 101**

**School Year  
2016-2017**

## TOPICS WE WILL BE COVERING . . . .

- |                      |                            |
|----------------------|----------------------------|
| ◆ Lab Safety         | ◆ Evolution                |
| ◆ Lab Equipment      | ◆ Classification           |
| ◆ Measurement        | ◆ Plants                   |
| ◆ Scientific Method  | ◆ Microbiology             |
| ◆ Chemistry          | ◆ Zoology                  |
| ◆ Cells & Microscopy | ◆ Human Anatomy/Physiology |
| ◆ Genetics           | ◆ Ecosystems               |

**KEEP THIS  
SYLLABUS IN  
YOUR SCHOOL  
BINDER!**

## MATERIALS NEEDED FOR SCIENCE CLASS . . . .



The following materials should be brought to science class every day.

- |                                       |  |
|---------------------------------------|--|
| ✓ pencil (with eraser)                | ✓ school (science) assignment calendar                     |
| ✓ binder (with a section for science) | ✓ this syllabus (until you are told you can get rid of it) |
| ✓ binder paper                        |  |

## GRADING . . . .

You will be using your school planner at least once a week to fill in assignments and their due dates. You will be graded on a point system. The following is the breakdown of points for the letter grades:

- A = 90% - 100% of the points possible in the class
- B = 80% - 89% of the points possible in the class
- C = 70% - 79% of the points possible in the class
- D = 60% - 69% of the points possible in the class
- F = ≤ 59% of the points possible in the class



You will receive a science grade report about once every two-three weeks showing your assignments and the points (grades) that you received on them. These grade reports you receive in class should be signed by your parents. Make sure to check these points with the graded assignments that have been handed back to you in class (to make sure that there are no mistakes in your grades). You will receive a grade for returning signed grade reports to science class.

## GRADING . . . ., cont'd

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Your science grade will depend on your participation in and completion of the following:



- Science labs and projects --- about 25% of the grade
- Class assignments and homework about 45% of the grade
- Science journal entries --- about 10% of the grade
- Science tests --- about 20% of the grade

To receive full credit on your science work, you must turn work in on the announced due date (which you will be told to you, and you will also have written it into your science assignment calendar. You will be allowed to do make-up work if you are absent, though. (If you are absent 1 day, you will be given 1 day to make up the work; if you are absent 2 days, you will have 2 days to make up the work, etc.) Otherwise, work turned in after the due date (unless you are absent) will receive half credit.

There will be opportunities for extra credit provided throughout the school year. These will be the only ways to earn extra credit for this class. Extra credit CANNOT exceed 5% of a student's grade.

## ABSENCES

When you are absent, you will be allowed to make up the work that you missed. It is your responsibility to get your make-up work from Miss Mikasa. If it is an assignment that doesn't require the use of the science computers or science equipment in the lab, you can do the make-up work at home and bring it back. If the make-up work requires you to use equipment in the science room, or if you need help on the make-up work, you can come in at lunch recess on the make-up days listed below, OR YOU CAN MAKE AN APPOINTMENT with Miss Mikasa for another time.

**\*\*The science make-up days at lunch recess are:**

**TUESDAY and WEDNESDAY**

**(unless Miss Mikasa has a school obligation on one of these days)**

If you do not attempt to make-up the work within one week from the day that you return from your absence, the grade on the work will become a zero.

## BEHAVIOR EXPECTATIONS



Below is a list of the behavior expectations that you should know and live up to in science class and at school. They are the six pillars of character that we exhibit at Live Oak. You are expected to exhibit the following:

- |                 |             |
|-----------------|-------------|
| RESPECT         | CITIZENSHIP |
| RESPONSIBILITY  | FAIRNESS    |
| TRUSTWORTHINESS | CARING      |



## **BEHAVIOR EXPECTATIONS, cont'd**

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If you go against any of these pillars of character, you will suffer the consequences (listed below). For example, you are expected to be **RESPECTful** in class to both teachers and to fellow students. If you are disrespectful, you will be given a consequence (below) based upon how serious the incident is. To illustrate another example, you are expected to be **RESPONSIBLE** in class. If you are irresponsible by, for example, not bringing the required materials to class (pencils, paper, etc.) on a regular basis, you will be given a consequence.

## **CONSEQUENCES (for not meeting the above behavior expectations)**



Name on Board or 1 Verbal Warning (1<sup>st</sup> step) —————> Warning



Name on Board plus 1 Check or  
2 Verbal Warnings (2<sup>nd</sup> step) —————> 20-minute Detention or No Lab\*\*



Name on Board plus 2 Checks or  
3 Verbal Warnings (3<sup>rd</sup> step) —————> Office Referral

\*\*Science detentions may involve cleaning lab tables, lab equipment, or animal cages. A Science Detention Notice will be sent home with you and you must get it signed by a parent. If the detention notice is not signed and brought back, the detention punishment is doubled (e.g. two 20-minute detentions instead of one). If it is still not brought back, an office referral will be given.

If a lab or activity is taken away, you will earn a grade on it by working out of the science textbooks.

## **SCIENCE TECHNOLOGY EXPECTATIONS**

We use computers quite a bit in science class. Below are the expectations for students to be able to use the computers in class.

- 1) **I will follow directions** about using the laptops, desktop computers, and other types of technology in science class. If I am not sure what to do, I will raise my hand and ask, rather than just going ahead.
- 2) I will not damage any of the technology. If I **intentionally** damage the equipment, I understand that I will be liable for it.
- 3) When I am using the Internet, I will not **intentionally** go to web sites that are inappropriate. If an Internet search leads me to an inappropriate site, I will notify my teacher immediately. (You won't be in trouble.)
- 4) I understand that if I fail to meet any of the expectations above, I will lose my technology privileges in science class.

# TCSD Middle School Life Science Safety Contract

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Science is a hands-on laboratory class. It can be dangerous if you are not careful. Safety in the science classroom is an important part of the scientific process. To ensure a safe classroom, the rules below, making up the Science Safety Contract, have been developed. These science safety rules must be followed at all times, in addition to directions for each specific activity.

## **SCIENCE SAFETY RULES:**

- 1. FOLLOW ALL WRITTEN AND VERBAL INSTRUCTIONS CAREFULLY.** Ask your teacher questions if you do not understand the instructions.
2. Act responsibly at all times in the science room. Horseplay, practical jokes, and pranks will NOT be tolerated.
3. Do NOT touch any equipment, supplies, or other materials in the science room without permission from the teacher.
4. Perform only approved experiments. Do NOT conduct any experiments when the teacher is out of the room.
5. Never eat, drink, or taste anything in the science room (unless told to do so by the teacher).
6. Keep hands away from your face, eyes, and mouth while using science materials or when working with chemicals. After certain activities (such as working with chemicals or dissecting), wash your hands before leaving the science room.
7. Wear safety glasses or goggles when told to do so. Never remove safety glasses or goggles during an experiment. **There will be NO exceptions to this rule.**
8. Keep your work area and the science room neat and clean. Backpacks and other personal belongings should be off the lab work area when experiments are being done.
9. Clean all work areas and equipment at the end of the experiment. Return all equipment clean and in working order to the proper place on the table. Report any broken items immediately BEFORE YOU USE THEM. **UNDERSTAND THAT IF YOU BREAK SOMETHING DUE TO NOT FOLLOWING DIRECTIONS OR NOT PAYING ATTENTION, YOU WILL BE HELD RESPONSIBLE FOR PAYING FOR IT.**
10. Follow your teacher's instructions on how to get rid of waste materials from an experiment.
11. Report an accident (fire, spill, breakage, etc), injury (cut, burn, etc) or hazardous condition (broken equipment, etc) to the teacher immediately—so no one gets hurt.
12. Do NOT touch or smell any chemicals in the lab unless specifically instructed to do so.
13. Never open storage cabinets or enter the prep/storage area without the teacher's permission.
14. Do NOT take chemicals, equipment, or supplies out of the science room—unless you have the teacher's permission.

## **SCIENCE SAFETY RULES, continued:**

**KEEP!!**

15. Be careful with all glassware. Check glassware BEFORE you use it for any cracks or damage. Never pick up hot or broken glassware with your bare hands. IF GLASSWARE IS BROKEN, DO NOT PUT IT INTO THE TRASHCAN AND DON'T PICK IT UP WITH YOUR FINGERS. USE THE DUSTPAN AND BRUSH AND PUT THE BROKEN PIECES INTO THE "BROKEN GLASS CONTAINER."
16. Be careful when using matches, a Bunsen burner, or hot plate for heating things. Only light burners when instructed and do NOT put anything into a flame unless specifically instructed to do so. Do NOT leave a lit Bunsen burner alone.
17. Dress properly for certain lab activities – long hair must be tied back, no dangling jewelry, and no loose or baggy clothing. Wear aprons when instructed to do so.
18. Learn where the safety equipment is located and how to use it. Know where the exits are located and what to do in case of an emergency or fire drill.
19. Always stay at your assigned lab station only. Do NOT visit friends at another work station.
20. Keep chemicals away from your face. If you get a chemical on you, wash it off with cool water immediately. If it gets in your eye, go to the emergency eye wash and use it. Then, report the accident to your teacher.
21. Do NOT pour used chemicals back into their bottles. Pour liquids down the drain or into storage containers supplied by your teacher.
22. Do NOT put solid material, such as paper towels or pencil leads, into the sink. Place all such items in the trash can.
23. Treat all animals in the laboratory—alive or dead—with respect. Do **not** handle animals without permission from the teacher.

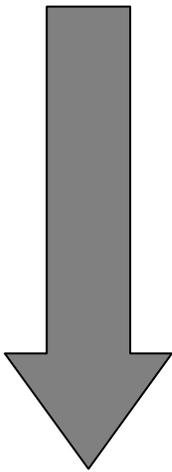
**CONTACT / WEB SITE INFORMATION**



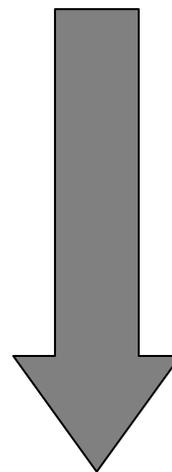
**KEEP!!**

If there are questions about the contents on this syllabus or about science class, feel free to contact me by phone or by e-mail. The Live Oak phone number is 685-7310. My school e-mail address is: [fmikasa@tcsdk8.org](mailto:fmikasa@tcsdk8.org)

Also, you can view the science classwork and homework that students copy into their science assignment calendars every week and you can also view and/or get copies of the handouts students get in class by going to the Mikasa classroom web site. Go to the following web address to get to the Mikasa classroom web site: [www.goo.gl/12oJH](http://www.goo.gl/12oJH)



**CUT OFF AND TURN  
IN BY TUES., AUG. 16  
(for a grade)!  
KEEP THE REST OF  
THIS SYLLABUS IN  
YOUR BINDER.**



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Cut off this part and return it to SCIENCE class. Keep the rest of the packet in your school binder.

I have read all of the pages in this SCIENCE syllabus and I agree to follow ALL of the behavior, technology, and lab safety expectations. I also agree to follow all other written or verbal instructions given in science class. Otherwise, I understand that I am subject to consequences.

Period #: \_\_\_\_\_

\_\_\_\_\_  
Student Name (Please print.)

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Parent Name (Please print.)

\_\_\_\_\_  
Parent Signature

\_\_\_\_\_  
Best Contact Phone Number

\_\_\_\_\_  
Contact e-mail (if applicable)



**RETURN TO MISS MIKASA IN SCIENCE CLASS.**