

## Mr. Putnam's Science Integrated Science Class -- Rules and Policies

**TEACHER:** Mr. Putnam  
 School (754) 322 –2000  
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**Textbook:** None

**REQUIRED MATERIALS:** Folder with loose leaf paper and writing utensil.

**COURSE DESCRIPTION:** This course requires students to demonstrate mastery in academic and physical research methods. Students working alone or in teams report on the weekly progress of selected projects, including but not limited to: an academic subject chosen from the National Science Olympiad guidelines, a science fair project on the topic of their own choice, and an engineered device constructed to meet the specifications of the Science Olympiad or SECME (engineering). Other projects will be assigned as appropriate.

BROWARD COUNTY GRADING SCALE	APPROXIMATE GRADING BREAKDOWN
Student work may be graded on a curved scale. The grading scale below is used for all other assignments.	
<b>90 - 100% = A</b> <b>87 - 89% = B+</b> <b>80 - 86% = B</b> <b>77 - 79% = C+</b> <b>70 - 76% = C</b> <b>67 - 69% = D+</b> <b>60 - 66% = D</b> <b>0 - 59% = F</b>	<b>Projects, Tests. Labs. Quizzes 85%</b> <b>Daily participation 15%</b>

**Folders:** You are required to keep one 3 prong pocket folder for recording projects and laboratories.



You must have the first two sheets, front and back, reserved for a table of contents. Each page, starting with the first page in the composition book, must be numbered on the top outside corners. Every day you must bring your folder, loose leaf paper and pen/pencil to class.

**SEAT WORK:** During class, students are expected to work in their seats alone, in pairs, or in designated groups – depending on the nature of the assignment. Grades for individual class work will be determined by the finished product. Work done in pairs or groups will include an **on-task grade** in addition to the assignment grade. This will be based on either the teacher's or project leaders assessment of the effectiveness of each individual contribution to work being done. You will receive one warning prior to losing on-task points. If there is class time for silent reading/reflection, you are expected to comply. This is an on-task assignment. In extreme cases, one letter grade will be deducted every time you must be directed to the assigned task.

**HOMEWORK:** Homework is due at the beginning of class on the assigned due date. Homework is placed in the class "In Box" at the bell for the beginning of class time. Homework is an opportunity for students to practice skills and acquire information before they take a test. Obviously, the more effort you put into the homework, the more you will get out of it. Full points will be awarded to students who complete the assignment, do not copy from someone else, and show their work or explain concepts in their own words. Work not submitted on time will be marked as a zero by "Z". You will be tested on the material covered by the homework assignments.

**QUIZZES, TESTS & INSTRUCTIONAL FOCUS:** Most of the quizzes will be unannounced, but preceded by a quick review. Quizzes count as a mini-test grade. There will be a test at the end of every one or more major concepts. Tests will be announced and listed on the class schedule.

**PARTICIPATION:** Students missing more two or more days from a class project will be given a deduction in their participation grade. Points may be made up by coming in after school on Tuesdays to work on their project. Students on their cellular devices during project time will also be given a deduction in their participation grade.

**GENERAL INFORMATION:** All school and county policies will be enforced in class. The following is a list of some important ones to remember.

- **Make-up Work:** Students have **2** school days to make up the work for each day they have an absence, not including the day they return. The **student** is responsible for requesting this work, scheduling any make-up tests/labs and completing the work on time. If a student fails to appear for their scheduled make up, there will not be another opportunity to makeup the work. Any work not completed on time will be marked as a zero.
- **Tardies:** Students are expected to be at their desk immediately after the bell rings. Students not inside the room when the second bell rings will be considered tardy and will be issued a detention. Solely at my discretion and upon prior arrangement, tardy detentions may be served at lunch or after school in my classroom by grading papers or providing some other service, such as cleaning or setting up lab equipment.
- **Field trips/forms:** Any forms needing a teacher signature or other information must be handed to me **before** the class begins. The forms will be returned at the end of the class. Students may **not** interrupt a class period to get a form signed. Students on a field trip are responsible for making arrangements with the teacher, before their trip, concerning work that will be missed. Students are responsible for all laboratories and tests missed upon returning.
- **Passes:** There will be no passes issued during the first or last 10 minutes of class or any lunch period. Passes will be issued for emergencies only.

**GENERAL CLASS RULES:**

- 1) **Be prepared and on time for class.** Being prepared means bring your calculator, homework, class notebook, paper, writing instrument and any other materials that is necessary for class work.
- 2) **Remain seated at all times unless otherwise instructed.** Students will not wander around the room. Students must ask permission to get up from their seats, for example, to sharpen a pencil. No trips to the trash can during class! Students are to stay seated between the bells. You will be dismissed by the teacher -- not the bell.
- 3) **Raise your hand to speak in class.** Out of courtesy, students are not to call out in class, especially if someone else is talking.
- 4) **Respect other people and their property.** Detention/Referrals will be written for any direct verbal or physical abuse between students or between a student and the teacher.
- 5) **Cheating is unacceptable.** Anyone caught cheating or helping someone else cheat on any homework, quiz, or test will receive a grade penalty for that item. This infraction can also result in further academic and disciplinary action. Students not guarding their test papers may be required to officially donate some of their test grade to the person accessing their information.
- 6) **Do not play with the water or gas faucets.**
- 7) **Laboratory protocols must be followed at all times.** Work only at your assigned station and with your assigned lab group. No horseplay will be tolerated. Always wear your required safety goggles at the lab bench. Use rubber aprons and gloves when directed. Do not attempt any unauthorized or undirected experimentation or use of lab equipment.

**SYLLABUS:** The following is a tentative syllabus for the year.

Topic	Content
Physical methods	Students demonstrate accuracy, precision, and technique while making scientific measurements. Students correctly calculate physical parameters and determine relationships between independent and dependent variables.
Academic methods	Students acquire and document scientific knowledge from printed matter and internet resources.
Tools & construction	Students design a project from specifications and carry the project through realization of an on-specification device.
Planning	Students create benchmarks and timelines for constructing a device.
Presentation	Students effectively communicate scientific and engineering information in a clear, concise and professional manner. Students can effectively use physical props and digital displays to augment their presentations.
Ethics	Students comply with the standards expected of professional scientists and engineers.

Students are expected to adhere to the Broward County School Board's **Internet and Network Acceptable Use Policy** in all their assigned work.



Dear Parent,

The contents contained in this packet conform to the policies and procedures in Broward County Schools. These guidelines, developed by the instructor, are subject to modification if necessary. Detach and return this page with the appropriate signatures on both sides of this page. Please have the courtesy to approve and sign the Student Release Form on the reverse side of this page. If you have any questions about the activities of the National Board for Professional Teaching Standards, please call me. Keep the rest of the document for future reference.

**STUDENT LABORATORY CONTRACT**

I have been instructed in the safety procedures required in this course. I agree to abide by the following guidelines.

1. Safety apparel will be worn when specified by the instructor.
2. Long or loose hair will be tied back. Excessively loose clothing or jewelry will not be worn.
3. All safety rules and regulations will be followed.
4. There will be no eating or drinking in the laboratory.
5. Experiments will be done in the specified order with the prescribed materials or quantities of chemicals.
6. Only the materials and chemicals specified by the teacher will be used. No unauthorized experimentation will be done.
7. The proper use of safety equipment and correct evacuation procedures will be followed.
8. Wash hands thoroughly before beginning and after completing an experiment involving chemicals.
9. Contact lenses will not be worn during specified experiments.
10. **Horseplay** or other inappropriate behavior will not be tolerated during laboratory experiments.
11. Never taste chemicals or smell them directly.
12. Never pick up broken glass with bare hands.
13. Report all accidents, no matter how minor, to the teacher.
14. Do not remove any chemicals or equipment from the lab without the teacher's permission.

Failure to follow these guidelines may result in reduction in grade, disciplinary action, or exclusion from laboratory activities.

I have read the information in the handout labeled

**Mr. Putnam's Science Research Class -- Rules and Policies**

I understand these rules and policies and I understand that I will be expected to abide by them.

\_\_\_\_\_  
Period PRINT Student name

\_\_\_\_\_  
PRINT Parent/Guardian name

\_\_\_\_\_  
Student SIGNATURE

\_\_\_\_\_  
Parent/Guardian SIGNATURE

Home phone \_\_\_\_\_

Work Phone \_\_\_\_\_

E-mail \_\_\_\_\_

E-mail \_\_\_\_\_

## Internet and Network Acceptable Use Policy

### Rules

1. All use of telecommunication services and networks shall be consistent with the mission, goals, policies, and priorities of the school district.
2. Successful participation in a network requires that students regard it as a shared resource and conduct themselves in a responsible, safe, ethical, and legal manner while using the network.
3. Students who are exchanging communication with others outside the school are representing The School Board of Broward County, and should conduct themselves appropriately.
4. Student use of these services will be properly supervised and, to the extent reasonably possible, users of school sponsored telecommunication services and network shall be protected from harassment or unsafe, unwanted, or unsolicited contact.
5. To implement this Acceptable Use Policy, it is necessary that all users read and document in writing their understanding and willingness to comply with the "Code of Ethics for Computer Network and On-line Telecommunications Users."
6. Upon receipt of parental/guardian permission, students will be eligible to receive authorization from the school.

### Code of Ethics for Computer Network and On-line Telecommunications Users

Students are expected to read and understand the following privileges, rights, and responsibilities when using a network in Broward County public schools.

1. Network use is a privilege and must support teaching, learning, and research.
2. Class assignments will have priority over other uses. Unlimited and open-ended use of telecommunications services or networks in terms of access time will be determined by the teacher.
3. Students will be ultimately responsible for all activity under their account and password. Accounts shall be used only by the student for the purposes specified. Use of an identity other than the student's own is prohibited.
4. Students will adhere to the rules of copyright regarding software, information, and the attribution of authorship. Re-posting communications of a personal nature, without the author's permission or bulletin board messages without proper attribution is prohibited.
5. Any use of telecommunication services or networks for illegal, inappropriate, obscene, or pornographic purposes shall be prohibited. Illegal activities shall be defined as a violation of local, state, and/or federal laws. Inappropriate use shall be defined as a violation of the intended use of the district's mission, goals, policies, or procedures. Obscenity and/or pornography shall be defined as a violation of generally accepted social standards for use of a publicly owned and operated communication vehicle, and as defined by School Board policy. Use of or engaging in offensive or inflammatory speech, profanity, or obscene language is not permitted at any time.
6. Hate mail, harassment, discriminatory remarks, and other antisocial behavior are not permitted.
7. Students shall not intentionally spread computer viruses, vandalize the data, infiltrate systems, damage hardware or software, or in any way disrupt the use of the network.
8. Any attempts to degrade or disrupt system performance may be viewed as criminal activity in accordance with applicable state and federal law.
9. Student generated files are the property of the School Board and may be accessed by appropriate authorized system personnel.

Students who knowingly violate any of the Acceptable Use Provisions or Code of Ethics for Computer Network and On-line Telecommunications Users **will** receive disciplinary action and/or may even be denied future access.

