

Integrated Science Syllabus

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Schedule

1st: Planning

2nd: NewTech Biology H

3rd: NewTech Biology H

4th: NewTech Integrated Science

Course Description

Integrated Science is a basic introductory level science course that allows students to discover and work with science related concepts through a variety of learning techniques including: hands-on instruction, research, lecture, labs, and cooperative group work. Topics studied will include lab safety, science and engineering practices, biomolecules, ecosystems, cells, energy, genetics, and evolution. Students will take part in a variety of classroom activities and labs which will promote scientific thinking, reading, talking, and writing. Students will also be challenged to use critical thinking and problem solving skills as they work through real-world case studies and scenarios. At the conclusion of the semester students will have a final exam.

Goals and Outcomes

- To connect course content to real life situations
- To use critical thinking and problem solving skills
- To maintain a 60% or higher on all scored assignments
- To develop soft skills and interpersonal skills

Required Supplies:

- Composition notebook (college ruled) OR Binder with notebook paper
- Writing utensil

Optional Supplies:

- Glue sticks
- Tape
- Colored pencils/markers
- Ruler
- Scissors

Textbook(s)

-None

Expectations:

- **Students are expected to bring their charged Chromebooks to class daily.**
- Students are expected to be in class and refrain from being a distraction.
- Students are expected to study and work on unit tasks daily.
- Students are expected to complete and submit course work.
- Students are expected to work hard and do their best everyday.
- Students should only use technology during appropriate times and when instructed to do so.

Grading Scale:

100-90 A

89-80 B

79-70 C

69-60 D

59-0 F

NewTech Grading Outcomes:

- Knowledge and Thinking - 70%
- Collaboration - 10%
- Written Communication - 10%
- Oral Communication - 10%
- Students will be told which outcomes are being scored on each assignment (some assignments may have multiple learning outcomes being scored).

Students will use Google Classroom to receive information, access course work, and to submit assignments daily. To view student grades, assignments, resources, due dates, and daily agendas; please visit Google Classroom.

Course Work

Projects: Projects will be used to allow students to show how they have mastered course content. Students will receive guidelines of project requirements, grading, and due dates.

Tests: Unit projects will contain at least one test to assess content mastery. Tests will be taken through Mastery Connect and students will receive their score when released by the instructor. Tests must be completed within 1 testing period, unless the student has documented accommodations.

Classwork:

- Classwork is given to help teach and reinforce course content and to help the student practice the material.
- Students who work to complete their classwork and work to understand the information will perform better on their assessments.
- Classwork can also be used to assess student understanding and concept mastery. Classwork can be graded and non-graded.
- If a student makes the choice to not complete classwork, it will impact their understanding and potentially their grade (please see late work policy).

Homework:

- Homework is used to have students practice current course material and to review.
- Sometimes students will need to finish class assignments for homework.
- Studying is expected for at least 10 - 15 minutes a day. Students who consistently review tend to do better on assessments.
- Homework can be graded or used to practice content. Students may need to access Google Classroom to access their homework or may need to keep up with paper documents.

Technology:

- **Computers are expected to be charged every day.**
- Students will have access to notes, assignments, and important documents through Google Classroom.
- Students are expected to review agendas daily in class and if they are absent.
- **Cell phones, Airpods, smart watches, earbuds, headphones, and all other electronic devices are not permitted to be out and/or used during class per Greenville County School District. These items should be kept out of sight in a bookbag, purse, or tote. Failure to comply with requests will result in disciplinary action.**

Late Work Policy:

All students will have the opportunity to submit work late by following the information below. While work should be submitted on time, students are provided this opportunity to help them master content and work towards improving scores. Students who do not submit work or submit a low quality piece of work should use the late policy. Any changes to this policy will be communicated to students.

Course	Major Assignment	Minor Assignment	Homework
Honors / CP Courses	No late work accepted	No late work accepted after day 4	No late HW will be accepted

Major Assignment: Project, Test

Minor Assignment: Reflection, Classwork, Bellwork, Quiz, Lab

****Quizzes and Tests are not included in the late policy****

Absences:

If a student is absent from class it is the responsibility of the student to find out what they missed by viewing the agenda in Google Classroom. The student should access Google Classroom and make contact with the teacher if they have any specific questions. Missed assignments must be completed within 5 school days. If assignments are not completed the student will receive a zero for the missed assignments. It is highly encouraged that students speak with the teacher if they are unsure they will finish the work on time. **If a student is absent the day an assignment or project is due, or the day of a test, the student is expected to turn in the assignment on the day they return and make arrangements to take the test as soon as possible.**

Tutoring:

- Tutoring will begin Mid-August
- Tutoring will be available before school on Tuesdays from 7:45-8:30 am.
- Other Tutoring options are available by appointment. Please be sure to talk to your teacher in advance to coordinate a tutoring session.
- **Students should come to tutoring with a specific concept they need help with, questions on content, or a specific task they need help with or need to work on. It is not appropriate for students to come to tutoring and sit for no reason.**
- TIP: It is always ideal for students to set up tutoring appointments in advance so that all parties are aware of the appointment.
- Students MUST pick up a pass OR have an email pass from their teacher in order to attend tutoring.

Class Rules:

1. Be prepared for class (Have all materials: pencil/pen, notebook, paper, computer)
2. Be courteous and kind
3. Stay in your assigned area
4. No Cell Phones, Earbuds, headphones, or other electronic devices
5. NO FOOD should be eaten in the classroom. Any liquid drink coming into the classroom MUST have a twist on lid (if a beverage leaks or spills, it is the responsibility of the student to clean up the mess)
6. Follow all school rules, lab safety rules, and directions

Consequences:

- o Warning
- o Student conference and parent contact
- o Referral and parent contact

*Severe disciplinary issues will be sent directly to administration and will result in a referral.

Cellphone, Earbuds, and Electronic Devices Usage:

1. **During Class:**
 - All cellphones, earbuds, and other personal electronic devices must be out of sight and on silent during class time.
 - Acceptable places to store your devices include your backpack, pocket, or purse.
 - Devices cannot be on your desk or in your lap.
2. **Permitted Usage Times:**
 - Before School: Students are allowed to use their devices before the official start of the school day.
 - After School: Device usage is permitted after the conclusion of the school day.
 - Lunch: Students are welcome to use their cellphones and other electronic devices during lunchtime.
 - In the Hallway: Feel free to use your devices while transitioning between classes in the hallway.

MagicSchool AI Tools for Students: This year, students will have access to MagicSchool AI, a generative AI platform built for schools that will help them learn to use the technology safely and responsibly. With tools like ChatGPT and others being used in the professional world, it's important that students learn how to use the technology safely. By using MagicSchool in our classes, your student will be prepared for the future of technology in the workforce.

While students use MagicSchool tools for purposes such as receiving real time feedback, getting their questions answered, generating images, and in other exciting ways, I will have access to their chats to ensure that it's used appropriately. Rest assured, MagicSchool does not collect or train on student data. Be sure to ask your child about how they're using AI in the classroom and take a look at the engaging ways they've utilized the MagicSchool tools to enhance their learning! For more information, go to www.magicschool.ai or reach out directly with questions.

Academic Dishonesty:

Copying another individual's work is a form of cheating that will NOT be tolerated. Each student is required to do their work and only their work. Students may not copy each other's work, and they may not send work to others digitally.

Work that has been copied or students caught cheating will receive a grade of a zero. (This includes students who do their work but send it to others or allow others to copy their work).

What is cheating?: taking screenshots or pictures of work that is not yours, plagiarizing, copying work from Google, copying work from another student if the work is not collaborative, using AI to respond to questions, sharing work digitally, etc. All students involved will receive a zero for the work and a referral will be submitted to administration.