Physical Science Honors
2021-2022
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Course Overview for Physical Science Honors A

Physical science – A is an introductory course incorporating multiple learning modalities within the scope of the following content; classification of matter, atomic structure/periodic table, chemical bonding and compounds, chemical reactions, and thermal energy.

Course Objectives for Physical Science Honors A

By the end of ***Physical science – A***, student will be able to:

- Describe the nature of science.
- Describe how matter continuously changes.
- Describe the relationship between matter and energy.
- Explain how models can be used to gain a better understanding of matter.
- Understand how critical thinking skills are used to solve scientific problems.

Classroom Logistics for Physical Science Honors A	
Monday	Assignments for the week will be posted using Google classroom. (modifications may be necessary during the week)
Monday through Friday	In-person learning. (subject to change)

💻 Course Communication for Physical Science Honors A	
Class Announcements	All important classroom announcements will be posted in the Google classroom stream.
Email/Personal Messages	Email: rsnodgrass@wls4kids.org **Tips:** When writing an email, please follow the expectations below: ● Include your name(first and last), the class name, subject of the message (e.g., Heather Smith--ELA10--Essay)

	• Be specific about what you need in the email. **Note:** It may take up to 24 hours to receive a reply back to you during the school week. Emails over the weekend will receive a reply back on Monday, so do not wait until the last minute to send a message if you need help or have an urgent question.
General Questions	If you have a question about the course or an assignment, I encourage you to post your question in the Google Classroom "stream." The stream is visible to the entire class community, so I encourage you to both ask and answer questions there. If a classmate asks a question and you know the answer, please jump in and help them out respectfully! Additionally, you can ask a question by going to my email.

💬 Participation Policy for Physical Science Honors A

- Participation is expected and highly encouraged to reach your full potential.
- Frequent participation allows the student, yourself, to gain a broader sense of the content being taught in the classroom. Additionally, it allows me to see if you are understanding the material being presented to you.
- Participation may be assessed using interactives through various technology/online tools mentioned in the section below and through the use of classroom discussions via whiteboarding.

📚 Required Texts, Materials, Resources, and Online Accounts for Physical Science Honors A

You will need the following for this course:

- Online ck12 Text: https://flexbooks.ck12.org/cbook/ck-12-middle-school-physical-science-flexbook-2.0/
- PDF (Holt science classroom book): located as a PDF on google classroom
- Resources
  - https://www.wls4kids.org/StudentResources.aspx
- Technology/Online Tools:
  - Chromebook, internet accessibility, Google suite for education learning platform (docs, forms, sheets, jamboard, classroom, peardeck, hangouts, etc), edpuzzle, ZOOM, ck12. The online/technology tools will be revolving to fit the needs and learning experiences of the classroom.
- Materials:
  - Pencils for work, green pen(s)/red pen(s) or colored pencils, paper (loose leaf or spiral), highlighter (any color), calculator (mobile phone calculator is not acceptable during test or quiz days)

🗓️ Schedule for for Physical Science Honors A	
Dates/Week #	**Unit/Topic/Subject**
4 weeks	Classification of matter
4 weeks	Atoms/ Periodic Table
4 weeks	Chemical bonding and compounds
4 weeks	Chemical reactions
2 weeks	Thermal Energy

📝 Grading/Homework Policy for Physical Science Honors A

Grading Policy:

- Classwork - work given inside/outside of class time which includes but not limited to participation (QOD), labs, activities, and projects.
- Test – formal and summative assessments include, but not limited to quizzes, tests, and exams.
- Test = 40%
- Classwork = 60% } 85% of the semester grade
- Semester Exam = 15% of the semester grade

93% - 100%	A	4.0
90% - 92%	A-	3.7
87% - 89%	B+	3.3
83% - 86%	B	3.0
80% - 82%	B-	2.7
77% - 79%	C+	2.3
73% - 76%	C	2.0
70% - 72%	C-	1.7
67% - 69%	D+	1.3
63% - 66%	D	1.0
60% - 62%	D-	0.7
0% - 59%	F	0.0

Homework Policy:

- Assignments will be due the following day unless stated otherwise by the instructor.

Late Work/Absent Work Policy:

- Late homework/classwork… a 10% deduction each day that the assignment/activity/lab is not turned in.
- Absent… it is your responsibility to check Google classroom daily to get your missed work. If you are absent one day, you have one day to make up for the missed work.
- Labs/activities(in-person or virtual) will be expected to be made up. Face to Face labs will have to be made up on a later date or by doing an alternative virtual assignment at the instructor's discretion.

💡 Student Code of Conduct for Physical Science Honors A

- Student Code of Conduct:https://go.boarddocs.com/oh/washlsd/Board.nsf/goto?open&id=AVQQ2R5D2D4F#
- Whitmer Student Handbook: https://docs.google.com/document/d/1CSIg6CnjtUx-QpLUKaOg18ChzfR9UO6dC9sCpvtyRPI/edit
- Student use of computers and the internet:BoardDocs® Policy: po5514 STUDENT USE OF COMPUTERS, NETWORK, OR INTERNET
- ZOOM ground rules: https://docs.google.com/presentation/d/1KxgT0L_0IsqxQ4pIEZawQ893dp24e0KOqF6LJCtzk1M/edit#slide=id.p

🙋‍♀️ Attendance Policy for Physical Science Honors A

Attendance will be taken daily. Any tardies or absences will be handled based on WHS attendance policies.