

Grade 7 Pacing Calendar

	Week 1	Week 2	Week 3	Week 4
September	<p>Lab Safety Getting to Know You Expectations & Norms le lab minute log.docx Beginning of Year Assessments</p>	<p>Waves and Information MS-PS4-1: Wave Properties Standard Assessment slinky lab String telephone lab</p>	<p>Waves and Information MS-PS4-2: Wave Reflection, Absorption, and Transmission Standard Assessment Exploring Light Porperties Lab</p>	<p>Waves and Information MS-PS4-3: Digitized Wave Signals Standard Assessment Lab folder review & audit analog vs digital lab</p>
October	<p>Earth's Systems MS-ESS2-1: Cycling of Earth's Materials material cycling game boards and link Science Fair Fridays Science Fair Materials - ALL</p>	<p>Earth's Systems MS-ESS2-1: Cycling of Earth's Materials https://www.sciencebuddies.org/stem-activities/crayon-rock-cycle https://mnch.uoregon.edu/sites/default/files/inline-files/Crayon%20Rock%20Cycle.pdf rock cycle crayon lab student sheet https://climatechangelive.org/img/fck/file/carbon_cycle_game.pdf Standard Assessment Science Fair Fridays Science Fair Materials - ALL</p>	<p>Earth's Systems MS-ESS2-4: Cycling of Water. Through Earth's Systems https://gpm.nasa.gov/education/lesson-plans/exploring-water-cycle Science Fair Fridays Science Fair Materials - ALL</p>	<p>Earth's Systems MS-ESS2-4: Cycling of Water. Through Earth's Systems https://gpm.nasa.gov/education/lesson-plans/exploring-water-cycle Standard Assessment Science Fair Fridays Science Fair Materials - ALL Lab folder review & audit</p>
November	<p>Earth's Systems MS-ESS3-1: Uneven Distribution of Earth's Resources https://serc.carleton.edu/teachearth/activities/236363.html Standard Assessment</p>	<p>Earth's Systems MS-ESS2-5: Interacting Air Masses and Weather</p>	<p>Earth's Systems MS-ESS2-5: Interacting Air Masses and Weather State Lab#1: The Air Up There [need link to state lab]</p>	<p>Earth's Systems MS-ESS2-5: Interacting Air Masses and Weather State Lab#1: The Air Up There (make ups) [need link to state lab]</p>

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	<p>Science Fair experiments due (Q1 project) Q1 ends ~Nov.7</p>	<p>https://www.rcsdk12.org/cms/lib/NY01001156/Centricity/Domain/5348/LAB%2037.pdf</p> <p>Portfolio Set Up & Reflection q1 portfolio reflection grade 7.docx</p> <p>STEM NIGHT #1 Nov.13</p>	<p>Science Fair Fridays Science Fair Materials - ALL Lab folder review & audit</p>	<p>Short week (Thanksgiving)</p>
December	<p>Earth's Systems MS-ESS2-5: Interacting Air Masses and Weather Standard Assessment</p>	<p>Earth's Systems MS-ESS2-6: Atmospheric and Oceanic Circulation https://lsintsp13.wgbh.org/en-us/lesson/buac17-il-iloceanoverturn/5</p>	<p>Earth's Systems Science Fair Fridays MS-ESS2-6: Atmospheric and Oceanic Circulation Standard Assessment Lab folder review & audit</p>	<p>Holiday Recess School Closed</p>
January	<p>Holiday Recess School Closed</p>	<p>Structure, Function, and Information Processing MS-LS1-1: Cell Theory 2021 germiest surface lab .docx What is it?! Slime mold lab (link coming) Standard Assessment Science Fair Fridays</p>	<p>Structure, Function, and Information Processing MS-LS1-1: Cell Theory MS-LS1-2: Cell Parts and Function State Lab #2: Is It Alive? [need link to state lab] Science Fair project boards due (Q2 project)</p>	<p>Structure, Function, and Information Processing MS-LS1-1: Cell Theory MS-LS1-2: Cell Parts and Function State Lab #2: Is It Alive? [need link to state lab] Lab folder review & audit Q2 ends ~ Jan 28</p>
February	<p>Structure, Function, and Information Processing MS-LS1-1: Cell Theory MS-LS1-2: Cell Parts and Function</p>	<p>Structure, Function, and Information Processing MS-LS1-1: Cell Theory MS-LS1-2: Cell Parts and Function</p>	<p>Winter Recess School Closed</p>	<p>Matter and Energy in Organisms and Ecosystems MS-LS2-4: Ecosystem Interactions and Dynamics</p>

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	<p>https://digitalcommons.trinity.edu/cgi/viewcontent.cgi?params=/context/educ_understandings/article/1192/&path_info=Ubd_Cell_Theory_and_Function.pdf</p> <p>Portfolio Update & Reflection g2 reflection grade 7.docx State Lab #2: Is It Alive? m/u [need link to state lab] Science Fair Displays Feb.2-4</p>	<p>29. Cell Lab.docx</p> <p>Cell Structures Lab on Gizmos file:///C:/Users/swiat/Downloads/CellStructureSE.pdf</p> <p>Standard Assessment</p>		<p>https://opensci.ed.org/instructional-materials/b-1-ecosystem-interactions-dynamics/</p> <p>Gizmos: Ecosystems (STEM Case)</p> <p>Gizmos Food Chains (Energy Pyramid) Lab</p> <p>file:///C:/Users/swiat/Downloads/FoodChainSE.pdf Lab folder review & audit</p>
March	<p>Matter and Energy in Organisms and Ecosystems MS-LS2-4: Ecosystem Interactions and Dynamics Standard Assessment</p>	<p>Interdependent Relationships in Ecosystems MS-LS2-2: Interdependent Relationships in Ecosystems https://www.exploringnature.org/db/view/Grade-6-8-MS-LS2-Ecosystems-Interactions-Energy-and-Dynamics Memorial to an Extinct Animal (Q3 project) extinction memorial project.docx list of extinct animals.docx extinction project headstone blanks.docx</p>	<p>Interdependent Relationships in Ecosystems MS-LS2-2: Interdependent Relationships in Ecosystems https://courses.oermn.org/mod/assign/view.php?id=2313</p>	<p>Interdependent Relationships in Ecosystems (through 4/1)* MS-LS2-2: Interdependent Relationships in Ecosystems https://www.mrgscience.com/ess-subtopic-218203-individuals-populations-communities-and-ecosystems.html Standard Assessment Lab folder review & audit</p>
April	<p>Spring Recess School Closed</p>	<p>Weather and Climate MS-ESS3-5: Causes of Global Warming https://mynasadata.larc.nasa.gov/lesson-plans/climate-change-inquiry-lab Standard Assessment EARTH DAY PROJECTS https://www.earthsciweek.org/resources/classroom-activities/</p>	<p>Human Impacts MS-ESS3-2: Natural Hazards Standard Assessment MS-ESS3-3: Human Impact on the Environment https://opensci-ed-uploads-production.s3.amazonaws.com/G7_UER/parts/storyline.pdf Portfolio Update & Reflection</p>	<p>Human Impacts EARTH DAY CELEBRATIONS MS-ESS3-3: Human Impact on the Environment MS-ESS3-4: Human Consumption of Natural Resources https://artsandscience.usask.ca/scienceoutreach/grade-7-</p>

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		Q3 ends ~April 16	q3 portfolio progress grade 7.docx EARTH DAY PROJECTS April 22 https://www.earthsciweek.org/resources/classroom-activities/	resources.php#Interactionswithinecosystems Standard Assessment Lab folder review & audit
May	History of Earth MS-ESS1-4: Geologic Time Scale https://sst.lacoe.edu/assets/downloads/grade7.pdf https://microsite-cuny-prod.s3.amazonaws.com/media/courseware/relatedresource/file/Geological Time Lab kZADgn.pdf Standard Assessment Begin Q4 Book Writing Project book project rubric.doc book project new organizer 2014 (1).docx Q4 Children's Book Writing project	Natural Selection MS-LS4-1: Fossil Evidence of Common Ancestry and Diversity MS-LS4-2: Anatomical Evidence of Evolutionary Relationships https://teach.genetics.utah.edu/content/evolution/ancestry/ https://bio.libretexts.org/Bookshelves/Human Biology/Human Biology (Wakim and Grewal)/09%3A Biological Evolution/9.3%3A Evidence for Evolution Q4 Book Writing Project	Natural Selection MS-LS4-1: Fossil Evidence of Common Ancestry and Diversity MS-LS4-2: Anatomical Evidence of Evolutionary Relationships https://opencied.org/instructional-materials/b-4-natural-selection-evolution/ https://sciencejournalforkids.org/wp-content/uploads/2021/10/dragonfly_lesson_plan.pdf Standard Assessment Q4 Book Writing Project STEM night #2	Growth, Development, and Reproduction MS-LS1-4: Animal Behaviors and Plant Structures - Reproductive Success https://teach.genetics.utah.edu/content/evolution/files/ReproductiveStrategies.pdf Standard Assessment Lab folder review & audit Q4 Book Writing Project
June	Growth, Development, and Reproduction MS-LS1-5: Environmental and Genetic Growth Factors Seed germination Gizmo file:///C:/Users/swiat/Downloads/SeedGerminationSE.pdf Standard Assessment	Growth, Development, and Reproduction MS-LS4-5: Artificial Selection Natural and Artificial Selection Gizmo file:///C:/Users/swiat/Downloads/EvolutionNaturalArtificialSE.pdf	Review/Finals/Regents Week 6/17 9:15 AM: Algebra 6/18 9:15 AM: Bio	Letter to your 8 th grade teacher/Final portfolio reflection letter to 8th grade teacher.docx Book Reading (Project) & Awards Final Lab folder review & audit

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	Q4 Book Writing Project due	Standard Assessment		