

8th Grade Science Calendar

Stay up to date on class activities and assignments.

REMEMBER!!! Google Classroom is where to go for assignment links and instructions. Daily Agendas are posted in GC.

This calendar changes based upon school schedule changes and learning time.

<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>
<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>

August

Monday	Tuesday	Wednesday	Thursday	Friday
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4	5	6	7	8
11	12	13	14 Syllabus and Expectation Lab Safety Safety Check-In	15FormAdvisory/R.O.C.K Expectations Textbook overview, log in a, LearnSmart, navigating McGraw Online Study Guides
18 Measurement Notes-Graphic Organizer Lab Safety Contract Signature Sheet Due	19 Measurement Form -graded Measurement w.s.	20 Meet the Counselor w/ Miss Barrett	21 Lab Task Cards-graded	22 Scientific Notation Notes and w.s.
25 Work on Scientific Notation w.s. Black Bottle Mystery & Conclusion form-	26 Scientific Method Scenarios w.s.	27 Scientific Method Ed-Puzzle- graded Drawing Scientific diagrams video and w.s.	28 Finish Scientific Diagrams w.s. CER Paragraph Bellwork Due	29 Text p. 3-10 LearnSmart Water Cycle Assigned

September

Monday	Tuesday	Wednesday	Thursday	Friday
1 Labor Day No School	2 Lab Into Thin Air	3 13-16 Collect CER Evidence	4 Text. 17-22 Lesson Check-Digital McGraw Online	5 Textbook p. 23-38 Field Trip Forms Due
8 Complete the Study Guide	9 STEM Project Develop a Model of the Water Cycle Study and do your LearnSmart	10 Finish and Present STEM Project Develop a Model of the Water Cycle	11 Study for Test and finish LearnSmart	12 Module 1 Test LearnSmart Due
15 Module 2 LearnSmart Assigned- Text p. 47-55 Collect Evidence A Lab p. 54-55	16 Collect Evidence B Lab: Warm Up & Cool Down on paper-graded	17 NO School Teacher Professional Development Day	18 Notes p. 56, 58 & 60 Finish Warm-Up/Cool Down Lab Report	19 Field Trip to Prophetstown State Park Dress for the weather and Closed-toed shoes required to go.
22 Collect Evidence on CER Notes Text p. 61-66	23 Review p. 68-70 CER Work on Study Guide for Lesson 1 Digital Lesson Check (Solar Energy on Earth)	24 Atmospheric Slide Notes Use your book! Watch the Videos!	25 BW Science Probe p. 97 Storm Front p. 99 CER: Make a Claim p. 100 Listen Up p. 102-103 Investigation: Describing Weather p. 104-105 https://www.wlfi.com/weath er/	26 CER Collect Evidence A Investigation: Characteristics of Air Masses 107-108 Start Collecting Weather Data p. 119-120

30Global Air Mass Online Simulation with w.s.. https://ssec.si.edu/weather-lab Collect Weather Data Work on your Study Guide & LearnSmart				
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October

Monday	Tuesday	Wednesday	Thursday	Friday
29	30 Guided Notes: p. 109-112 CER: Collect Evidence B & C Air Mass Collision Course #1-2 p. 113 Guided Notes: p. 113-115 Investigation: Come Rain or Shine complete with seat partner p. 113-118	1 CER Pages Finish Study Guide	2 Text p. p. 131, 134, 137, 141-145	3 BW: Review p. 126-128 CER: Complete Revising Claim and Reasoning Lesson 3 and Type Paragraph Complete Study Guide
6 Study for Test Complete LearnSmart	7 Module 2 Weather & Climate Test LearnSmart Due	8 New Unit Module 3 BW: Science Probe p. 165 Mushroom Packaging p. 167 CER Claim p. 168 Notes: p. 170-174	9 BW: Newton County Land in GC Guided Notes: p. 174-183	10 BW: Relaxing on the Refuse p. 183 Guided Notes p. 184-189 Engineering: Lose the Leachate p. 186-187(graded)
13 Test Landfill Design Build & Test	14 LandFill Testing Turn in p 186-187. BW: 3D Thinking p. 189 Guided Notes 189- 192 Includes Lesson Review	15 Notes 199-215 Assessment: Digital Lesson Check	16 P/T Conf. No School	17 p. 221 Phenomenon Notes p. 224-230
20 Notes p. 231-235 Digital Lesson Check Complete Study Guide LearnSmart Day	21 Laura Floyd Pond Testing microscopic pond life Resource: Pond Life Info	22 Body Safety TEST Module 3 Lessons 1-3	24 Reading Marathon	25 Fall Break



28 Fall Break	29	30 Phenomenon Seeing Red p. 241 CER: Make a Claim p. 242 Guided Notes: p. 244-251	31 What is your carbon footprint? Activity Sheet Work on LearnSmart	XX

November



Monday	Tuesday	Wednesday	Thursday	Friday
XX	XX			1 Field Trip to Prophetstown State Park
4 CER: Collect Evidence A&B Lab: The Greenhouse Effect is a Gas-paper	5 Complete & Turn In The Greenhouse Effect is a Gas-paper Lab: An "Egg-cellent Question"--Start Today	6 Investigation p. 252 Now you see it; now you don't. Lab: An "Egg-cellent Question"- Results Today Guided Notes: p. 252-261	7 BW: 3D Thinking p. 263 CER: Complete Evidence C&D and revise claim Assessment: Lesson Check 6th Period Body Safety Program 1:30	8 Miss Barrett Lesson
11 Veteran's Day Program 9:00am CER: Type CER Paragraph	12 Carbon Sink Article with 5W Graphic Organizer p. (20-21 News Media)	13 Carbon Sink Poster Project Carbon Sink Lab	14 Carbon Sink Poster Project	15 LearnSmart Due Work on Carbon Sink Poster

18 Carbon Sink Poster Project Due Finish Poster Carbon Sink Lab Results	19 Start Module 6 Day 1 BW: Science Probe p. 325 Ladybugs Notes 325-332	20 BW: Investigation p. 333 Guided Notes: p. 334-335-fill in vocab in chart	21 BW: Edpuzzle Genetics Vocabulary Lab: Coin Toss Lab <input type="checkbox"/> Coin Toss Domina... Formative Assessment: Genotype & Phenotype w.s. <input type="checkbox"/> KW Genetics Slides	22 NOtes 339-342 Punnett Square Stations
25 Punnett Square w.s. corrections Genetics Slides Due	26 JA in a Day	27 Thanksgiving Break No School	28 Thanksgiving No School	29 Thanksgiving Break No School

December

Monday	Tuesday	Wednesday	Thursday	Friday
2 START Propagation Lab BW: Science Probe p. 347: Do they produce eggs? Phenomenon: p. 349 Sea-in Stars CER: Make a Claim-	3 BW: Read & Complete p. 352-353 Independent Practice: Reproduction Slides (1-11) CER: Collect Evidence A	4 BW: Reproduction Slides (12-16) Lab: Modeling Offspring p. 354-355 CER: Collect Evidence B	5 BW: Reproduction Slides (17-20) CER: Collect Evidence C Review: p. 358-360 BW: Lesson Check Types of Reproduction	6 CER Paragraph: Use graphic organizer to type paragraph Study Island Study Guide
9 Notes 361-381	10 Assessment:  Animal Reproducti... Notes : 392-401	11 BW:  Plant Reproductive... STEM Lab: Blowing in the Wind p. 393-395	12 Test Seeds-Blowing in the Wind Lab Study Island Day	13 Study Island Due Finish Study Guide
16 Complete Propagation Lab Test Prep	17 Test Prep Lab Report Due	18`Test Prep	19 Finals--Inheritance & Reproduction Test	20 Finals End of Quarter/Semester Incentive Field Trip pm
23 Winter Break	24 Winter Break	25 Winter Break	26 Winter Break	27 Winter Break

January

Monday	Tuesday	Wednesday	Thursday	Friday
	31 Winter Break	1 Winter Break.	2 Winter Break	3 Winter Break/Teacher Work Day
<p>6</p> <p>Start Module 6 Natural Selection & Adaptations</p> <p>BW: Science Probe p. 413</p> <p>Phenomenon: p. 415</p> <p>Guided Notes: p. 418-420</p> <p>Lab: p. 421-422 Model DNA</p>	<p>7 BW: LearnSmart Finish DNA Model p. 421-422</p> <p>Watch DNA Replication Video & Worksheet</p> <p>Modeling: Use DNA pieces to model DNA replication</p>	<p>8</p> <p>EdPuzzle Mutations & Traits</p> <p>Guided Notes: pg. 424-430</p> <p>Review p. 433-434</p>	<p>9</p> <p>Code Crackers Worksheet</p> <p>Code Crackers</p>	<p>10</p> <p> Real Mutant Anima...</p> <p>Lesson Check How Traits Change</p>
<p>13</p> <p>BW: Phenomenon p. 437 Nature's CopyCats</p> <p>CER: Claim p. 438</p> <p>Lab: p. 440-441 Classroom Variations</p> <p>Guided Notes: p. 441-444</p>	<p>14</p> <p>BW: CER: Collect Evidence A p. 438</p> <p>Guided Notes: 450-453</p> <p>Digital Lab: Peppered Moth Slides</p>	<p>15 BW: CER Collect Evidence B</p> <p>Guided Notes: p. 445-447</p> <p>Digital Lab: Phet Simulation Natural Selection with worksheet</p>	<p>16 BW: Complete Lesson 2 Definitions on Study Guide</p> <p>Notes: Notes 445-453</p> <p>Collect Evidence A-C on CER pages</p>	<p>17</p> <p>Design & Build a Bug: (misc. Building material)</p> <p> Insect Adaptations ...</p>
<p>20</p> <p>No School</p>	<p>21</p> <p>Review: Natural Selection Edpuzzle</p> <p>LearnSmart</p>	<p>22</p> <p>Finish Design a Bug Quizlet</p> <p>Type CER Paragraph</p>	<p>24 BW: Science Probe p. 457</p> <p>Phenomenon: p. 459 Dog Days</p> <p>Guided Notes: p. 464-467 Genetics Technologies</p> <p>Edpuzzle Genetic Technologies Edpuzzle</p> <p>Genetic Engineering Vid</p>	<p>24 BW: LearnSmart CRISPr video</p> <p>Science Literacy: Pros & Cons -Gene Editing in Humans Science News</p>

27 LearnSmart Review Day Study Island 8-Module 6 Study ... Amoeba Sisters video remediation with worksheet	28 Test Natural Selection	29 BW: Science Probe p. 485 Phenomenon: p. 487 Terrific Tiktaalik Lab: Return to Form p. 490 Guided Notes: p. 491-495	30 BW: p. 501 Guided Notes: 496-502 Lab: Analyze results of Return to Form It's Time For Change Activity	31 BW: Branching Tree Diagram EdPuzzle Evolution Video Evolution 101 Guided Notes: p. 509-515
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February


Monday	Tuesday	Wednesday	Thursday	Friday
3 BW: Review p. 517 Assessment: Open Book: Evidence of Evolution Evidence of Evolut... BW Evolution Concept Map New LearnSmart Assigned	4 DNA Extraction Lab Lab Form -Bonus Lab for those finished with all their work.	5 Start States of Matter Module BW: Science Probe p. 627 Phenomenon: Boiling Liquid p. 629 Lab: Matter IDs p. 632-633 Notes 634-636	6 BW: States of Matter Check-In Form Investigation PHet Temperature and States of Matter p. 637 Notes 638-640 Temperature & Particle Motion Lab	7 BW: LearnSmart Finish Lab Report States of Matter Lesson Check LearnSmart
10 BW: LearnSmart BW: PBS Learning Media Interactive Matter Tutorial Notes p. 641-647	11 BW: Formative Assessment Matter Classification EdPuzzle Lab: Modeling: Classifying Matter with Legos	12 BW: Lab: Or Using Chemical Formulas & Equations w.s. Compound Models –	13 BW:LearnSmart Interactive Slides Elements, Compounds & Mixtures Review w.s.	14. KW Rotation Lab o...
17 BW: Investigation p. 710-711 Discuss: What is an extended Structure?	18 Finish Study Guide Counting Atoms Pixel Art Go over E, M, C w.s.	19 5th period convocation Mixtures & Compounds Lab?	20 Review Day	21 Test LearnSmart Due

<div>Lab:</div> <div><div>PDF</div>Extended Structur...</div>				
24 Purdue Unit Surveys	25 Purdue Unit Day 1	26 Purdue Unit Day 2	27 Purdue Unit Day 3	28 Purdue Unit Day 4

March

Monday	Tuesday	Wednesday	Thursday	Friday
3 Innovations Slides 1-10	4 Innovations Slides 10-11	5 Innovations Slides 12-15	6 Inventions Introduction of Project and Handbook	7 Inventions–Work on Invention Project Handbook
10 Invention Project Handbook 3rd Period Convocation	11 Inventions Project Handbook	12 Inventions–Today you should have your project plan finished	13 P/T Conf. No School	14 BOB
17 Physical Properties Graphic Organizer (10 pts)	18 Pg. 731-740 Lab: Big Enough	19 BW: Edpuzzle: Mass, volume, Density Lab: pg. 741-743 (turn in)	20 Work on finishing Lab	21 Market Research Due!!! BW: pg. 744 Notes: pg. 744-747 Lesson Check
24 Spring Break No School	25 Spring Break No School	26 Spring Break No School	27 Spring Break No School	28 Spring Break No School
31				

April

Monday	Tuesday	Wednesday	Thursday	Friday
March 31 Density Practice w.s. Start Density Blocks Lab	1 Finish Density Blocks Lab	2 Invention Fair Analyze Survey Results Complete Handbook Questions	3 Work on Invention Fair Slides	4 Start Final Design Diagram and Trademark/Logo
7 BW: Chemical Properties Foldable p.750-774	8 Lab: Be a Detective p. 751-752	9 BW: Review p. 757-758 Virtual Lab Properties of Elements-McGraw Online Lesson Check Properties of Matter	10 Lab: Flame Testing Finish any lab/lesson Check and turn in.	11 Slides/Trademark/Final Diagram Due
14 Notes p. 762-766 Lab: Positive Reactions p. 764-766	15 Notes 769-774 PHet Simulation	16 Conservation of Mass Edpuzzle Conservation of Mass Lab  NASAConservationofM...	17 Finish Lab Report Modeling Chemical Reactions w.s. ??	18 No School
21 PT MATH: NO MORNING Work on Board	22 Work on Board	23 Work on Board	24 Work on Board	25 Work on Board
28 Build Invention Model	29 7th Grade ELA PT (White administering test) Build Invention Model	30 Science Fair for 7th Grade Chemical v. Physical changes Task Cards (DIGITAL)	XX	XX

May

Monday	Tuesday	Wednesday	Thursday	Friday
XX	XX		1 ELA 8 PT: No Morning Classes Build Invention Model	2 6th Grade ELA PT: Diedam giving test. 8TH GRADE BOOT CAMP
5 Prepare Invention Presentation	6 Prepare Invention Presentation	7 Present Projects in Class	8 Present Projects in Class	9 STEM Day Invention Fair
13 Notes p. 779-788	14 Lab-Changing the Energy p. 790-793, 796	15 BW: p. 796-798 Complete Study Guide Foldables Review	16 Test Review	17 Incentive Field Trip Test-Properties of Matter
19 Synthetic Materials Day 1 BW: Brief History of Plastics Ted Talk Synthetic Materials Slideshow w/note w.s.	20 Synthetic Materials Day 2 Synthetics Check-In Form Disposable Plate Comparison w.s.	21 Synthetic Materials Day 3 Potato Plastics Lab Set Up	22 Synthetic Materials Day 4 Synthetic Materials Webquest	23 Synthetic Materials Day 5 Observe Potato Plastics Results and Complete Lab Report
26 Memorial Day No School	27 Finals No Science Classes Today	28 Finals Design a Recycling Center Poster	29 Awards/Rebelation	30

June

Monday	Tuesday	Wednesday	Thursday	Friday
XX	XX	XX	1	2
5	6	7	8	9
12	13	14	15	16
19 Juneteenth	20	21	22	23
26	27	28	29	30

Check [Teachers Pay Teachers](#) for the update with the new calendar

BLANK

Monday	Tuesday	Wednesday	Thursday	Friday