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| August2017 | subject | Earth Systems | period |  |

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|  |  | 31 |  | 1 |  | 2 |  | 3 |  | 4 |  | 5/6 |
| 1 |  | LabQuiz/TestNotesClasswork/HomeworkProject |  |  |  |  |  |  |  |  |  |  |
| WEEK | notes |  |  |  |  |  |  |  |  |  |  |  |
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|  |  | 7 **Unit 1** |  | 8 **Unit 1** |  | 9 **Unit 1** |  | 10 **Unit 1** |  | 11 **Unit 1** |  | 12/13 |
| 2 |  | Make Name TentReview Syllabus and Safety ContractWhat Not to Do in the Lab Activity |  | Safety QuizLearning Intelligence SurveyLab Scenario Poster |  | Scientific Method NotesPenny Lab |  | Come Fly with Me Lab |  | Finish Lab andPractice Scientific Method Analysis WorksheetMetric Conversion Notes |  |  |
| WEEK | notes | Study for Safety QuizGet Safety Contract and Syllabus Signed |  |  |  |  |  | Finish Lab |  | Scientific Method and Conversion sheet due Monday, Quiz Tuesday |  |  |
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|  |  | 14 **Unit 1** |  | 15 **Unit 1** |  | 16 **Unit 1** |  | 17 **Unit 1** |  | 18 **Unit 1** |  | 19/20 |
| 3 |  | Review Scientific Method WorksheetMetric Bingo  |  | Scientific Method and Conversion QuizIntroduction to Density Worksheet |  | Device Distribution |  | Density Lab |  | Graphing Notes (already typed for them)Class Survey Graphing (generate own data and graph)Graphing Practice Worksheet |  |  |
| WEEK | notes | Study for Quiz on Scientific Method and Conversions |  | Complete Worksheet |  |  |  | Finish Lab |  | Finish Graphing Survey Data |  |  |
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|  |  | 21 **Unit 1** |  | 22 **Unit 1** |  | 23 **Unit 1** |  | 24 **Unit 2** |  | 25 **Unit 2** |  | 26/27 |
| 4 |  | M & M lab |  | Graphing and Experimental Design Worksheet |  | Scientific Method, Conversion , Density and Graphing Test |  | Formation of the Universe NotesGroup Activity on History of the Earth |  | Presentation on Formation of the Earth*Earth in the beginning* reading and questions |  |  |
| WEEK | notes | Finish Lab |  | Finish WorksheetAssemble HW packet |  |  |  | Unit 1 Homework due Thursday |  | Finish worksheet and Unit 1 Homework due Thursday |  |  |
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|  |  | 28 **Unit 2** |  | 29**Unit 2** |  | 30 **Unit 2** |  | 31 Unit2 |  |  |  |  |
| 5 |  | How the Earth was formed Video and WS |  | Formation of the Earth NotesSpheres of the Earth Notes |  | Layers of the Earth Webquest |  | Layer of the Earth and Mapping NotesMapping Practice worksheets:* Coordinates
* Scales
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| WEEK | notes |  |  | Unit 1 Homework due Thursday |  | Study for Test Thursday |  |  |  |  |  |  |
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| 1 |  | LabQuiz/TestNotesClasswork/HomeworkProject |  |  |  |  |  |  |  | Professional DevelopmentImage result for happy face |  |  |
| WEEK | notes |  |  |  |  |  |  |  |  |  |  |  |
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|  |  | 4 |  | 5 **Unit 2** |  | 6 **Unit 2** |  | 7 **Unit 2** |  | 8 **Unit 2** |  | 9/10 |
| 2 |  | Labor DayImage result for happy face |  | Mapping Practice worksheets:* Topographic Maps

Test Study Guide Worksheet |  | Making a Topographic Map Lab |  | HW Packet ListFinish Study Guide |  | Topographic Map Practice |  | I was sick Thursday and Friday so order for next year should be rearranged |
| WEEK | notes |  |  |  |  |  |  |  |  |  |  |  |
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|  |  | 11 **Unit 3** |  | 12 **Unit 3** |  | 13 **Unit 3** |  | 14 **Unit 3** |  | 15 **Unit 3** |  | 16/17 |
| 3 |  | Test |  | Evidence of Plates NotesTectonic Plates Puzzle |  | Video on Colliding Continents with worksheet |  | pHet Plate Tectonics Lab |  | Plate Tectonics Notes |  |  |
| WEEK | notes |  |  |  |  |  |  |  |  |  |  |  |
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|  |  | 18 **Unit 3** |  | 19 **Unit 3** |  | 20 **Unit 3** |  | 21 **Unit 3** |  | 22 **Unit 3** |  | 23/24 |
| 4 |  | Plate Tectonics Graham Cracker Lab |  | Plate Tectonics Review Stations Plate Tectonics Quiz |  | Earthquake NotesMercalli Scale Worksheet |  | Earthquake Structure Design Lab |  | Earthquake Structure Design Lab |  |  |
| WEEK | notes |  |  |  |  |  |  |  |  |  |  |  |
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|  |  | 25 **Unit 3** |  | 26 **Unit 3** |  | 27 **Unit 3** |  | 28 **Unit 3** |  | 29 **Unit 3** |  | 30 |
| 5 |  | Finding the Epicenter of an EarthquakeFinding an Earthquake Epicenter Worksheet(redo or throw away –too confusing) |  | Finding an Earthquake Epicenter WorksheetEarthquake Quiz |  | San Andreas Video with questionnaire sheet (can do 1 or 2 days) |  | San Andreas Video with questionnaire sheet |  | Volcano vs Earthquake Webquest |  |  |
| WEEK | notes |  |  |  |  |  |  |  |  |  |  |  |
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| 1 |  | LabQuiz/TestNotesClasswork/HomeworkProject |  |  |  |  |  |  |  |  |  |  |
| WEEK | notes |  |  |  |  |  |  |  |  |  |  |  |
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|  |  | 2 **Unit 3** |  | 3 **Unit 3** |  | 4 **Unit 3** |  | 5 **Unit 3** |  | 6  |  | 7/8 |
| 2 |  | Volcano Notes |  | Types of Volcano Lab |  | Test Review SheetHW Packet List |  | Test |  | Professional DevelopmentImage result for happy facet Day |  |  |
| WEEK | notes |  |  |  |  |  |  |  |  |  |  |  |
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|  |  | 9 |  | 10 **Unit 4** |  | 11 **Unit 4** |  | 12 **Unit 4** |  | 13 **Unit 4** |  | 14/15 |
| 3 |  | Columbus DayImage result for happy face |  | Cosmos Episode 9 Video and worksheet |  | Earth History ProjectProvide textbook or textbook pages |  | Earth History ProjectProvide textbook or textbook pages |  | Fossil NotesFlesh Out a Fossil and Track Detective Worksheet  |  |  |
| WEEK | notes |  |  |  |  |  |  |  |  | Complete worksheets |  |  |
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|  |  | 16 **Unit 4** |  | 17 **Unit 4** |  | 18 **Unit 4** |  | 19 **Unit 4** |  | 20 **Unit 4** |  | 21/22 |
| 4 |  | Index Fossil Worksheet (edit or do as walkthrough notes) |  | Project Quiz (can use their project during quiz)Geological Time Scale Practice  |  | Geological Time Scale Practice  |  | Relative Dating NotesRelative Age Dating ActivityDinoactivity Layers and Principles of Geology Worksheet |  | Relative Dating Lab |  |  |
| WEEK | notes | Complete worksheets |  |  |  | No Homework Day! |  |  |  |  |  |  |
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|  |  | 23 **Unit 4** |  | 24 **Unit 4** |  | 25 **Unit 4** |  | 26 **Unit 4** |  | 27 **Unit 4** |  | 28/29 |
| 5 |  | Geological Time Online Activity |  | Create notes for Geological Time and Index Fossils |  | Absolute Dating NotesAbsolute Dating Worksheet |  | Absolute Dating Fossil Activity(make sure to include timeline) |  | Test Review Study Guide and Homework SheetKahoot |  |  |
| WEEK | notes |  |  |  |  |  |  |  |  |  |  |  |
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|  |  | 30 **Unit 4** |  | 31 **Unit 5** |  | 1 **Unit 5** |  | 2 **Unit 5** |  | 3 **Unit 5** |  | 4/5 |
| 1 |  | Test |  | Rock Cycle Diagram |  | Rock Type Notes |  | Rock Cycle Investigation |  | Rock and Minerals Webquest |  | LabQuiz/TestNotesClasswork/HomeworkProject |
| WEEK | notes |  |  |  |  |  |  |  |  |  |  |  |
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|  |  | 6 |  | 7 |  | 8 **Unit 5** |  | 9 **Unit 5** |  | 10 **Unit 5** |  | 11/12 |
| 2 |  | Professional Development DayImage result for happy face |  | Teacher Work DayImage result for happy face |  | Rock Identification Lab |  | Mineral Notes |  | Mineral Identification Lab-Need practice using the chart, should be in prelab- Clear instructions on Streak, Hardness, Cleavage, and Luster |  |  |
| WEEK | notes |  |  | Click here to enter text. |  |  |  |  |  |  |  |  |
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|  |  | 13 **Unit 5** |  | 14 **Unit 5** |  | 15 **Unit 5** |  | 16 **Unit 5** |  | 17 **Unit 5** |  | 18/19 |
| 3 |  | Rock Cycle Flipbook |  | Rock Cycle Flipbook |  |  Rock and Minerals Textbook Reading(Did this because of a sub but may be good to do this earlier next year) |  | Rock QuizQuiz will not take the whole time, should create some type of review before |  | Rock and Mineral ProjectProject Research |  |  |
| WEEK | notes |  |  |  |  | No Homework Day! |  |  |  |  |  |  |
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|  |  | 20 |  | 21 |  | 22 |  | 23 |  | 24 |  | 25/26 |
| 4 |  | HolidayImage result for happy face |  | HolidayImage result for happy face |  | HolidayImage result for happy face |  | HolidayImage result for happy face |  | HolidayImage result for happy face |  |  |
| WEEK | notes |  |  |  |  |  |  |  |  |  |  |  |
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|  |  | 27 **Unit 5** |  | 28 **Unit 5** |  | 29 **Unit 5** |  | 30 Unit 5 |  |  |  |  |
| 5 |  | Rock and Mineral Project |  | Rock and Mineral Project |  | Mineral and Rocks Virtual Lab |  | Mineral and Rocks Virtual Lab |  |  |  |  |
| WEEK | notes |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  | 1 **Unit 5** |  | 2/3 |
| 1 |  | LabQuiz/TestNotesClasswork/HomeworkProject |  |  |  |  |  |  |  | Test ReviewHW Packet List |  |  |
| WEEK | notes |  |  |  |  |  |  |  |  |  |  |  |
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|  |  | 4 **Unit 5** |  | 5 **Final** |  | 6 **Final** |  | 7 **Final** |  | 8 **Final** |  | 9/10 |
| 2 |  | Test |  | Unit 1 Review Packet |  | Unit 2 Review A |  | Unit 2 Review B  |  | Unit 2 Review C and 3A |  |  |
| WEEK | notes |  |  | Click here to enter text. |  |  |  |  |  |  |  |  |
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|  |  | 11 **Final** |  | 12 **Final** |  | 13 **Final** |  | 14 **Final** |  | 15 **Final** |  | 16/17 |
| 3 |  | Unit 3 Review B |  | Unit 3 Review C |  | Unit 4 Review A |  | Unit 4 Review B |  | Unit 5 Review A |  |  |
| WEEK | notes |  |  |  |  |  |  |  |  |  |  |  |
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|  |  | 18 **Final** |  | 19 **Final** |  | 20 **Final** |  | 21 **Final** |  | 22 |  | 23/24 |
| 4 |  | Unit 5 Review B |  | Final |  | Final |  | Final |  | HolidayImage result for happy face |  |  |
| WEEK | notes |  |  |  |  |  |  |  |  |  |  |  |
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| 5 |  | HolidayImage result for happy face |  | HolidayImage result for happy face |  | HolidayImage result for happy face |  | HolidayImage result for happy face |  | HolidayImage result for happy face |  |  |
| WEEK | notes |  |  |  |  |  |  |  |  |  |  |  |
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| 1 |  |  |  |  |  |  |  |  |  |  |  | LabQuiz/TestNotesClasswork/HomeworkProject |
| WEEK | notes |  |  |  |  |  |  |  |  |  |  |  |
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| 2 |  | HolidayImage result for happy face |  | HolidayImage result for happy face |  | HolidayImage result for happy face |  | Teacher WorkdayImage result for happy face |  | Professional Development DayImage result for happy face |  |  |
| WEEK | notes |  |  |  |  |  |  |  |  |  |  |  |
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|  |  | 8**Unit 6** |  | 9 **Unit 6** |  | 10 **Unit 6** |  | 11 **Unit 6** |  | 12**Unit 6** |  | 13/14 |
| 3 |  | Water Cycle NotesWater Cycle Story |  | Weathering, Erosion, and Deposition NotesWeathering or Erosion, Which Worm? Worksheet |  | WED webquest |  | Flowing Water Notes |  | Flood Report Project |  |  |
| WEEK | notes |  |  |  |  |  |  |  |  |  |  |  |
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|  |  | 15 **Unit 6** |  | 16**Unit 6** |  | 17**Unit 6** |  | 18 **Unit 6** |  | 19 **Unit 6** |  | 20/21 |
| 4 |  | HolidayImage result for happy face |  | Professional Development DayImage result for happy face |  | Flood Report Project |  | Shake and Fizz LabReview KahootHW Packet List |  | Quiz |  |  |
| WEEK | notes |  |  |  |  |  |  |  |  |  |  |  |
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|  |  | 22 **Unit 6** |  | 23 **Unit 6** |  | 24 **Unit 6** |  | 25 **Unit 6** |  | 26 **Unit 6** |  | 27/28 |
| 5 |  | Earth Under Water Video |  | Groundwater Notes |  | Groundwater Virtual Lab |  | Ch. 6 Review Packets  |  | Ch. 6 Review Packets(may not need this 2nd day) |  |  |
| WEEK | notes |  |  |  |  |  |  |  |  |  |  |  |
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|  |  | 29 **Unit 6** |  | 30 **Unit 6** |  | 31 Unit 6 |  |  |  |  |  |  |
| 6 |  | Soil Guided Notes |  | Ch. 5 Review Packet |  | Ch. 5 Review Packet |  |  |  |  |  |  |
| WEEK | notes |  |  |  |  |  |  |  |  |  |  |  |
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| 1 |  | LabQuiz/TestNotesClasswork/HomeworkProject |  |  |  |  |  | Soil Texture Lab |  | Soil Texture LabGround water and Soil Quiz |  |  |
| WEEK | notes |  |  |  |  |  |  |  |  |  |  |  |
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|  |  | 5 **Unit 6** |  | 6 **Unit 6** |  | 7 **Unit 6** |  | 8 **Unit 6** |  | 9**Unit 6** |  | 10/11 |
| 2 |  | Desert and Glacier NotesLandform Worksheet |  | Landform WorksheetReview KahootHW Packet List |  | Test |  | Drain the Ocean Video IntroMapping the Ocean Worksheet |  | Planet Earth: Deep Ocean |  |  |
| WEEK | notes |  |  | Click here to enter text. |  |  |  |  |  |  |  |  |
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|  |  | 12 **Unit 6** |  | 13 **Unit 6** |  | 14 **Unit 6** |  | 15 **Unit 6** |  | 16 |  | 17/18 |
| 3 |  | Ocean Floor Notes |  | Planet Earth Video: Shallow Seas with Worksheet |  | Marine Zones and Lifestyles NotesOcean Exploration Mini Project |  | Ocean Exploration Mini Project |  | HolidayImage result for happy face |  |  |
| WEEK | notes |  |  |  |  | No Homework Day! |  |  |  |  |  |  |
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|  |  | 19 |  | 20 **Unit 6** |  | 21 **Unit 6** |  | 22 **Unit 6/7** |  | 23 **Unit 7** |  | 24/25 |
| 4 |  | HolidayImage result for happy face |  | Ocean Exploration Mini Project |  | Ocean Review Sheet |  | Ocean QuizConduction, Convection, and Radiation Worksheet |  | 10 Day Weather Forecast (Northern vs Southern Hemisphere)Put in coordinates |  |  |
| WEEK | notes |  |  |  |  |  |  |  |  |  |  |  |
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|  |  | 26 **Unit 7** |  | 27 **Unit 7** |  | 28 Unit 7 |  |  |  |  |  |  |
| 5 |  | Reasons for Seasons WorksheetWeekly Science Reading Assignment |  | Atmosphere Guided Notes |  | Layers and Gases of the Atmosphere Worksheet |  |  |  |  |  |  |
| WEEK | notes |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  | 1 **Unit 7** |  | 2 **Unit 7** |  | 3/4 |
| 1 |  | LabQuiz/TestNotesClasswork/HomeworkProject |  |  |  |  |  | Greenhouse Effect and Global Warming Webquest\* Part 7 links were prohibited, need to get access |  | Six degrees of Climate Change Video\*Next year: Mini Assignment or do video in clips |  |  |
| WEEK | notes |  |  |  |  |  |  |  |  | Complete Lab and Quiz tomorrow |  |  |
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|  |  | 5 **Unit 7** |  | 6 **Unit 7** |  | 7 **Unit 7** |  | 8 **Unit 7** |  | 9 |  | 10/11 |
| 2 |  | Atmosphere QuizCloud, cloud, cloud Information Sheet |  | Water Vapor and Clouds worksheet |  | Weather: Clouds and Fronts Notes+need to be edited |  | Severe Weather NotesWeather Maps WS 1+need to be edited |  | Teacher WorkdayImage result for happy face |  |  |
| WEEK | notes | Cloud Sheet due tomorrow |  |  |  |  |  |  |  |  |  |  |
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|  |  | 12 |  | 13 **Unit 7** |  | 14 **Unit 7** |  | 15 **Unit 7** |  | 16 **Unit 7** |  | 17/18 |
| 3 |  | Professional Development DayImage result for happy face |  | Forecasting the Weather Webquest+need to be edited |  | Hurricanes vs Tornados+ too short, needs to be longer |  | Quiz Review, question write and swap. Went outside.Kahoot: Fronts (12 questions already made on public Kahoot) |  | Quiz Too hard – needs to be edited |  | Global Wind NotesWeren’t used last year but should be put in somewhere |
| WEEK | notes |  |  |  |  | No Homework Day! |  |  |  |  |  |  |
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|  |  | 19 **Unit 7** |  | 20 **Unit 7** |  | 21 **Unit 7** |  | 22 **Unit 7** |  | 23 **Unit 7** |  | 24/25 |
| 4 |  | Weather Instrument Notes |  | Weather Instrument Lab |  | Weather Instrument LabTest Review |  | Test Review HW Packet List |  | Test |  |  |
| WEEK | notes |  |  |  |  |  |  |  |  |  |  |  |
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|  |  | 26 **Unit 7** |  | 27 **Unit 7** |  | 28 **Unit 7** |  | 29 **Unit 7** |  | 30 |  | 31 |
| 5 |  | What are the polar easterlies?Didn’t do but should add somewhere: Global Wind Notes |  | Tides and Currents Webquest |  | Modeling the coriolis effect(Need to clean up) |  | Pressure, Winds, and Tides(Need to clean up notes) |  | openImage result for happy face |  |  |
| WEEK | notes |  |  |  |  |  |  |  |  |  |  |  |
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| 1 |  | LabQuiz/TestNotesClasswork/HomeworkProject |  |  |  |  |  |  |  |  |  |  |
| WEEK | notes |  |  |  |  |  |  |  |  |  |  |  |
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| 2 |  | HolidayImage result for happy face |  | HolidayImage result for happy face |  | HolidayImage result for happy face |  | HolidayImage result for happy face |  | HolidayImage result for happy face |  |  |
| WEEK | notes |  |  | Click here to enter text. |  |  |  |  |  |  |  |  |
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|  |  | 9 **Unit 7** |  | 10 **Unit 7** |  | 11 **Unit 7** |  | 12 **Unit 7** |  | 13 **Unit 7** |  | 14/15 |
| 3 |  | World Climate ZonesSong performances (gave extra credit on HW packet if turned in song) |  | Climate Reading (Was the notes – need to emphasize that) |  | Builing Maps: Climographs (2nd part was difficult for them) |  | El Nino/La Nina Webquest (better product needed)Human Impact on Weather and Climate |  | WS: Climate Quiz Study GuideClimate HW packet list  |  |  |
| WEEK | notes |  |  |  |  |  |  |  |  |  |  |  |
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|  |  | 16 **Unit 7** |  | 17 **Unit 8** |  | 18 **Unit 8** |  | 19 **Unit 8** |  | 20 **Unit 8** |  | 21/22 |
| 4 |  | Climate Quiz |  | Space Exploration: Pandora and Hope Worksheet Pan out of Universe Video (Too short need to lengthen) |  | Famous Astronomers and their Views |  | Galaxy NotesDraw your Galaxy  |  | Exploring Our Solar System (NASA website) |  |  |
| WEEK | notes |  |  |  |  |  |  |  |  |  |  |  |
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|  |  | 23 **Unit 8** |  | 24 **Unit 8** |  | 25 **Unit 8** |  | 26 **Unit 8** |  | 27 **Unit 8** |  | 28/29 |
| 5 |  | Solar System Notes |  | Race Around the Solar System  |  | Asteroids, Comets, and Meteor Video Notes |  | Moon Phase NotesPhases of Moon Oreo Lab |  | Identifying Phases of the Moon WorksheetStars and Universe Notes |  |  |
| WEEK | notes |  |  |  |  |  |  |  |  |  |  |  |
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|  |  | 30 **Unit 8** |  | 1 **Unit 8** |  | 2 **Unit 8** |  | 3 **Unit 8** |  | 4 **Unit 8** |  | 5/6 |
| 1 |  | Star Life Cycle Flow Chart |  | Astronomy ProjectMartian Movie |  | Astronomy ProjectMartian Movie |  | Astronomy Project |  | Astronomy Project DueTest Study GuideHomework Packet List |  | Showing the movie is optional – based upon time |
| WEEK | notes |  |  |  |  |  |  |  |  |  |  |  |
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|  |  | 7 **Unit 8** |  | 8 **Unit 9** |  | 9 **Unit 9** |  | 10 **Unit 9** |  | 11 **Unit 9** |  | 12/13 |
| 2 |  | Astronomy Test |  | Notes on Energy Energy Resources Grid (instructions in the notes) |  |  Renew A Bean Lab |  | Renewable and Nonrenewable Web Notes |  | Pollution and Solution Self-Guided Notes with Ad |  | LabQuiz/TestNotesClasswork/HomeworkProject |
| WEEK | notes |  |  | Click here to enter text. |  |  |  |  |  |  |  |  |
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|  |  | 14 **Unit 9** |  | 15 **Unit 9** |  | 16 **Final** |  | 17 **Final** |  | 18 **Final** |  | 19/20 |
| 3 |  | Review for Quiz |  | Quiz |  | Final Exam Review Sheet 1 +5 on exam100 on lowest HWEX on lowest quizSeniors were given an additional option at the end, 3 sentences and pictures per topic, total of 18 |  | Final Exam Review Sheet 2Ocean review sheet, multiple choice should be eliminated |  | Final Exam Review Sheet 3 |  |  |
| WEEK | notes |  |  |  |  |  |  |  |  |  |  |  |
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|  |  | 21 **Final** |  | 22 **Final** |  | 23 **Final** |  | 24 **Final** |  | 25 |  | 26/27 |
| 4 |  | Final Exam Review Sheet 4 |  | Final  |  | Final |  | FinalLast Day of School |  | Post PlanningImage result for happy face |  |  |
| WEEK | notes |  |  |  |  |  |  |  |  |  |  |  |
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| WEEK | notes |  |  |  |  |  |  |  |  |  |  |  |
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**Year at Glance**

**Unit 1 – Safety and Scientific Method**

**Unit 2 – Formation of Earth**

**Unit 3 – Plate Tectonics**

**Unit 4 – Earth’s History and Geological Time**

**Unit 5 – Rocks and Minerals**

**Final – Fall Final**

**Unit 6 – Hydrology and Oceanology**

**Unit 7 – Weather and Climate**

**Unit 8 – Astronomy**

**Unit 9 – Earth’s Resources**

**Final – Spring Final**