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| Assignment Number (#) | Date Given | Name of Assignment |
| 1 | 7/11/16 | **Science Guidelines and Expectations** |
| 2 | 7/11/16 | **What is Science?** Brochure Directions and Rubric |
| 3 | 7/13/16 | **How to Be Prepared for the 6th Grade** |
| 4 | 7/19/16 | **Welcome to 6th Grade Science** / Common Core Curriculum/ What we will study this year |
| 5 | 7/14/16 | **Science Safety Contract** |
| 6 | 7/20/16 | **Lab Safety Practice Quiz** |
| 7 | 7/21/16 | **Scientific Method Definitions** |
| 8 | 7/27/16 | **The Earth’s Layers** |
| 9 | 7/29/16 | **Earth’s Layers Foldable** |
| 10 | 8/5/16 | **Your Pangaea Puzzle** |
| 11 | 8/5/16 | **Types of Plate Boundaries** |
| 12 | 8/8/16 | **Plate Tectonic Notes** |
| 13 | 8/11/16 | **Volcano Notes** |
| 14 | 8/12/16 | **Volcano Book Notes** |
| 15 | 8/16/16 | **Volcano Flip Sheet** |
| 16 | 8/18/16 | **Volcano Pink Index Cards** |
| 17 | 8/18/2016 | **Earthquake Power Point Notes** |
| 18 | 8/23/16 | **Crustal Stress and Fault Notes** (pages 180-183) |
| 19 | 8/30/16 | **Types of Rocks** |
| 20 | 9/6/16 | **Rock Book Notes** |
|  |  | **END OF QUARTER 1 / START OF QUARTER 2** |
| 21 | 10/3/16 | **Sedimentator (Sediment Stick) Lab Summary Questions and Answers** –I am keeping this |
| 22 | 10/4/16 | **Chapter 4 Weathering and Soil Formation Questions** **1-65** (Do 8 questions per day) |
| 23 | 10/6/16 | **Observing 8 Different Soils Lab** (Data Table and notes on back) – I am keeping this on file |
| 24 | 10/12/16 | **Shake Jar Experiment** – Days 1-3 (Data tables, observations and notes) |
| 25 | 10/13/16 | **Comparing Soil Particles Chart** (particle sizes, advantages and disadvantages of clay, silt, sand) |
| 26 | 10/14/16 | **A Soil Profile** (Color the soil horizons, describe each horizon, explain how the horizons form) |
| 27 | 10/15/16 | **Weathering Practice Worksheet/ Soil Profile Practice worksheet** (tape onto notebook paper) |
| 28 | 10/17/16 | **Percolation and Absorption of Water in Clay, Sand and Gravel** (experiment video notes) |
| 29 | 10/18/16 | **What is Soil?** Read and annotate. |
| 30 | 10/18/16 | **Glossary for Soil** – (Read definitions for highlighted words). Study highlighted words for test. |
| 31 | 10/19/16 | **Soil Study Guide #2** – use your glossary to help you find the proper vocabulary word |
| 32 | 10/19/16 | **Soil Study Guide # 1** – use your notebook and the textbook to help you answer the qstns |
| 33 | 10/21/16 | **Brain Pop Activity Sheet – Flower Parts – Label and Color** – Page 1 and Page 2 |
| 34 | 10/24/16 | **Flower Facts: Why do plants have flowers?** Annotate and answer questions |
| 35 | 10/25/16 | **What is Pollination?** (Front side)—annotate & answer questions |
| 35 | 10/25/16 | Playing an Important Part (backside of 35) – label and color flower parts—learn functions |
| 36 | 10/25/16 | **Brain Pop – Flow Chart** –showing 6 steps of Pollination / **Brain Pop – Vocabulary Words** |
| 37 | 10/26/16 | **PHOTOSYNTHESIS QUESTIONS 1-10** |
| 38 | 10/27/16 | **Plant Reproduction/Pollination Computer Activities—**started this in the media center |
| 39 | 10/28/16 | **Flower Basics worksheet** (front and back) |
| 40 | 10/31/16 | **Photosynthesis Video worksheet** – Questions 1-12 |
| 41 | 10/31/16 | **Photosynthesis—Reactants and Products worksheet** |
| 42 | 11/1/16 | **Photosynthesis – Teacher Notes – your copy – read and annotate front and back** |
| 43 | 11/1/16 | **Practice Quiz – Flower Parts and Functions** |
| 44 | 11/2/16 | **Plant Parts -Power Point- Answers—**went to computer lab 706 to start this assignment |
| 45 | 11/3/16 | **Photosynthesis and Cellular Respiration Cycle Diagram** – draw and label the diagram |
| 46 | 11/3/16 | **Photosynthesis Crossword Puzzle and Fill in Blank Practice** |
| 47 | **11/4/16** | **Tropisms and Transpiration-** Video Notes and Drawings |
| 48 | 11/7/16 | **Study Guide #1 – Plant Parts and Plant Processes (39 fill in blank questions)** |
| 49 | 11/7/16 | **Chapter 11 – Section 1 Questions 1-16 – Ecology—has a pond ecosystem and salmon swimming upstream** |
| 50 | 11/8/16 | **Xylem and Phloem Drawings and Notes** |
| 51 | 11/9/16 | **Interpreting Diagrams – Plant Parts and Plant Processes** |
| 52 | 11/9/16 | **Answers to Interpreting Diagrams** on notebook paper |
| 53 | 11/14/16 | **Seed Germination Drawings and Notes** |
| 54 | 11/14/16 | **Chapter 12 Section 1 Questions 1-21 – Energy Flow through an Ecosystem** |
| 55 | 11/15/16 | **Practice Test on Plants (Stanley County)—**record answers on notebook paper |
| 56 | 11/15/16 | **Study Guide #2 for Plant Test—**don’t have to record anything—just make sure you know how to do all of it |
| 57 | 11/16/16 | **Biome Project Directions and Websites for Research** |
| 58 | 11/21/16 | **Brain Pop Videos and Review Quiz Answers for FOOD CHAINS, FOOD WEBS AND ENERGY PYRAMIDS** |
| 59 | 11/22/16 | **Biome Map Coloring Worksheet—use my Google Classroom to look at the maps and color your map** |
| 60 | 11/23/16 | **Computer Activities—Food Chains, Food Webs and Energy Pyramids—Amoeba Sisters—Your Answers** |
| 61 | 11/28 | **Learning about Food Chains and Food Webs worksheet** |
| 62 | 11/28 | **Energy Pyramid Questions 1-9** |
| 63 | 11/30 | **Ecology Review** |
| 64 | **12/2** | **Biome Facts Matching Game worksheet** |
| 65 | 12/2 | **Biome Word Search** |
|  |  | **END OF QUARTER 2 / START OF QUARTER 3** |
|  |  | **Yellow highlight means I graded it and have it in a folder in the classroom** |
| 66 | **Jan 3, 2017** | **Matter Computer Activities (Intro to Matter)** |
| 67 | Jan 3, 2017 | **Ecology Concepts Study Guide #1** |
| 68 | Jan 6 | **Matter, Mass and Volume –read ck-12 online chapter and answer 3 questions in complete sentences** |
| 69 | Jan 12 | **Triple Beam Balance Worksheet---learning how to use the TBB** |
| 70 | Jan 12 | **Physical Properties of Matter—read ck-12 online chapter –answer the three review questions in complete** |
| 71 | Jan 13 | **Mass of 14 Objects Data Tables** |
| 72 | Jan 17 | **Ecosystems Test Study Guide #2** |
| 73 | Jan 18 | **Brain Pop Movies (8) Related to MATTER** |
| 74 | Jan 20 | **Mass of Objects Lab Summary Questions 1-7** |
| 75 | Jan 23 | **Discovery Ed Density Activities—Measuring Density and Explaining Density Videos –questions 1-9 / Density Tower** |
| 76 | Jan 24 | **Density Notes** |
| 77 | Jan 24 | **Density Duck / Sink or Float worksheet** |
| 78 | Jan 26 | **Predictions for the Density of 12 Objects** |
| 79 | Jan 26 | **Density of 12 Objects Lab Group Data Table** |
| 80 | Jan 26 | **Density Problems 1-9 worksheet – front only with TBB pics on it** |
| 81 | Jan 26 | **Graduated Cylinders Worksheet – front and back** |
| 82 | Jan 27 | **Class Data Table for Density of 12 Materials** |
| 83 | Jan 30 | **Physical and Chemical Properties/Physical and Chemical Changes----Computer Lab Activities—see document in Google Classroom** |
| 84 | Feb 1 | **Bar Graph—Class Averages for Density of 12 Materials in Descending order** |
| 85 | Feb 2 | **Density of Objects Lab Report Guidelines** |
| 86 | Feb 3 | **Elements, Compounds and Mixtures Video Notes** |
| 87 | Feb 3 | **Classification of Matter / States of Matter worksheet** |
| 88 | Feb 6 | **Pure Substances / Formulas Name Compounds worksheet** |
| 89 | Feb 6 | **Types of Matter CK-12 Online Chapter Questions** |
| 90 | Feb 7 | **Common Compounds worksheet—use device to find the names of these common compounds** |
| 91 | Feb 8 | **Compounds Research** |
| 92 | Feb 9 | **Elements, Compounds and Mixtures Worksheet** |
| 93 | Feb 9 | **Building Blocks of Matter (Lego activity)** |
| 94 | Feb 10 | **Open Notes and Open Power Point Quiz on Elements, Compounds and Mixtures** |
| 95 | Feb 13 | **Changes in Matter CK-12 HW questions 1-9** |
| 96 | Feb 14 | **Matter Vocabulary** |
| 97 | Feb 14 | **Practice Quiz: Intro to Matter** |
| 98 | Feb 15 | **Study Guide 1 for Matter Test** |
| 99 | Feb 15 | **Making Silly Putty Lab Questions and Answers** |
| 100 | Feb 16 | **Study Guide #2 for Matter (Teacher Notes)** |
| 101 | Feb 16 | **Types of Matter / Two Kinds of Changes / More About Mixtures / Solutions** |
| 102 | Feb 17 | **Matter Changing States Computer Activities—Notes, Answers to Questions 1-7 and Quiz** |
| 103 | Feb 20 | **Density of Various Minerals** |
| 104 | Feb 20 | **States of Matter: Solids, Liquids, Gases, Plasma HW Questions 1-11** |
| 105 | Feb 21 | **Concept Map for Matter—Teacher Notes** |
| 106 | Feb 22 | **States of Matter and Phase Changes Power Point Questions (Open PPT Quiz)** |
| 107 | Feb 23 | **Six Changes of States Worksheet** |
| 108 | Feb 23 | **Brochure (Venn Diagram) States of Matter** |
| 109 | Feb 23 | **Dry Ice Lab Summary Questions and Answers** |
| 110 | Feb 27 | **Energy- Bill Nye worksheet** |
| 111 | Feb 27 | **FORMS OF ENERGY READING HANDOUT** |
| 112 | Feb 28 | **Study Guide for PHASE CHANGE TEST** |
| 113 | MARCH 1 | **Ck12 Wave Homework Questions** |
| 114 | MARCH 2 | **Brain Pop 4 Quizzes – Forms of Energy, Potential Energy, Kinetic Energy and Waves** |
|  | March 27 | **FIRST DAY OF 4TH QUARTER** |
| 115 | March 28 | **Notes on Waves---you should have recorded these notes in class on 3/28/17** |
| 116 | March 29 | **3rd Quarter Review** |
| 117 | March 30 | **Bill Nye Waves worksheet** |
| 118 | April 1 | **Phet Simulations—Wave Related** |
| 119 | April 4 | **Waves—Main Concepts (Teacher typed notes)** |
| 120 | April 4 | **Determining the Frequency of a Wave** |
| 121 | April 4 | **Amplitude, Frequency, and Wavelength worksheet** |
| 122 | April 5 | **Chapter 18 SOUND Section 1 questions 1-25** |
| 123 | April 7 | **Human Ear Parts and Functions—**label parts of ear, color each part a different color; give the function of each part |
| 124 | April 10 | **Brain Pop Sound – Fill in blank—12 Questions – Quiz grade** |
| 125 | April 10 | **Chap 18 Sound Section 2 Questions 1-15 – Shock wave and Doppler Effect Pics on it** |
| 126 | April 12 | **Chap 18 Sound Sections 3-5 Questions 1-20 (echolocation pic)** |
| 127 | April 12 | **Ear Foldable** |
| 128 | April 13 | **Tuning Fork Lab Questions and Answers** |
| 129 | April 13 | **Wave Vocabulary and Wave Practice Quiz #1** |
| 130 | April 17 | **Sound & Light Power Point Questions & Answers** |
| 131 | April 19 | **Light Brain Pop Quiz** |
| 132 | April 19 | **Light Set 1 Questions 1-11 (has a prism on it)** |
| 133 | April 21 | **Chap 18 Sound Study Guide (fill in blank)** |
| 134 | April 24 | **Light Section 1 Questions 1-9 (has a red apple reflecting red light to your eye)** |
| 135 | April 25 | **Light Transmission Graphic Organizer Notes** |
| 136 | April 25 | **Brain Pop Videos Related to Light (Color, Eyes, Vision Problems, Diffraction/Refraction…)** |
| 137 | April 26 | **Chapter 19 Light Questions (Sections 3 and 4)** |
| 138 | April 28 | **Light Power Point Questions & Computer Activities on Light (Cow Eye Dissection etc.)** |
| 139 | May 1 | **Eye Parts and Functions Worksheet—**label eye, color parts and give functions of eye parts |
| 140 | May 1 | **Phet Simulations – Color Vision and Bending Light—**experiment with both simulations; record two things learned from each |
| 141 | May 2 | **LIGHT LAB –** complete activities in class; record your observations—front and back of worksheet |
| 142 | May 2 | **Chapter 19 Using Light Section 5 Questions** |
| 143 | May 3 | **The camera is like an Eye/ Light and Eye Sight** worksheet |
| 144 | May 3 | **Bending a Laser Beam Video and Questions 1-7** |
| 145 | May 4 | **Study Guide for Test on Light** |
| 146 | May 5 | **Study Guide for WAVES, SOUND & LIGHT** |
| 147 | May 8 | **Open Notes Quiz – Eye Parts and Functions (Tape Quiz to Notebook paper)** |
| 148 | May 8 | **Chapter 17 Thermal Energy and Heat Red Textbook Questions (Sections 1 and 2)** |
| 149 | May 8 | **Computer Activities related to Heat Transfer (Radiation, Convection, Conduction, Insulators, conductors, thermal equilibrium etc.** |
| 150 | May 10 | **Earth, Sun and Moon Interactions Project Directions** |
| 151 | May 10 | **PDF Resource Page for Earth, Sun and Moon Booklet (Internet Links)** |
| 152 | May 11 | **What Causes the Seasons? (Worksheet with Seasons Brain Pop on it)** |
| 153 | May 17 | **Cut and Paste Moon Phases Activity** |
| 154 | May 19 | **Study Guide –Ch 7- Earth, Sun, Moon (Open notes quiz)** |
| 155 | May 19 | **NCFE Released Practice Test** |
| 156 | May 22 | **Brain Pop Solar System Worksheet (review quiz answer on the back with facts about questions missed)** |
| 157 | May 22 | **Notes & Facts taken as you study for the NCFE / Record questions you have** |
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