**Welcome to Mrs. Hamblin’s**

**6th Grade Science Class 19/20**

[Beer Middle School Home](http://www.wcs.k12.mi.us/beer) ⃒

Text Book @www.hmhco.com/one/login/?

Lessons are subject to change

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| Week ofMar4- 8, 2020 | Update on lessons |
| MondayMay 4- 8 | Warm up: I am currently posting all lessons on Schoology. Many of you are already submitting lessons to me there or by emails. I am trying to get back to you in a timely manner.It has been so nice to hear from you and I love the pictures some of you have sent, Kadance and Thank. Made me smile. This has been difficult on all of us, especially you students and your families. I think of you and say a prayer for you. We are starting lessons in the Ecology workbook. So you will be able to access it by going online to HMH website. I will include a link there. I appreciate your patience with me as this too is a new experience for me. Take care and enjoy the upcoming warm weather over the weekend.Take care and be well! |

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| Week ofMarch 16-20, 2020 | Lesson |
| MondayMar. 9 | Warm up: Unit Test: Plate tectonicsSee test below. Complete it and save! |
| TuesdayMar. 10 | Warm up: Intro to energy unitBill Nye video1. Warm up                             March 17, 2020

  Q: Where does energy come from?                        1. Take attendance.
2. We are starting a new unit on energy.
3. You tube “Bill Nye Energy” <https://m.youtube.com/watch?v=8qmSzMwTkpk&t=10s>
4. Students take notes in science notebook
5. Discuss the video afterwards.

If time allows you may watch “Forms of Energy” ( 12: <https://www.youtube.com/watch?v=DvCWuOuaG_c> |
| Wednesday Mar. 11 | Warm up: EnergyBrain pop Types of energy Watch videos Free access for now.  |
| ThursdayMar. 12 | Warm up:  |

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| FridayMar. 13 | Warm up:  |





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| Week ofMarch 9- 12, 2020 | Lesson | Objective |
| MondayMar. 9 | Warm up: Activity # 49 D-57 Compare risks for storing nuclear waste at 3 sites SS 49.1 | I can identify evidence that supports plate movement |
| TuesdayMar. 10 | Warm up: What occurs at a transform boundary? Look at your map and find a transform boundary.- Complete Mapping Plate boundaries AQ. # 1-5 D-40 – 41 -Begin Activity # 45 Reading - notes SS 45.1 | Same |
| Wednesday Mar. 11 | Warm up: What is a convergent boundary? Give an example.Field trip to movies hours 2-4Hours 5-6 Study Notes for test | Same  |
| ThursdayMar. 12 | Warm up: Research Earthquakes & Volcanoes Hours 4-6 |   |
| FridayMar. 13 | Warm up: Complete Activity # 49 Descriptive Paragraph – Pick site for storing waste.Note card study guide for Unit test Monday 3.16.20 |  |

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| Week ofMarch 2 - 6, 2020 | Lesson | Objective |
| MondayMar. 2 | Warm up: How does knowing about plate boundaries affect our decisions when storing nuclear waste?Mapping Plate Boundaries Activity # 44 D 37 - 41Using Tables 1, 2 & 3 | I can identify evidence that supports plate movement |
| TuesdayMar. 3 | Warm up: What occurs at a transform boundary? Look at your map and find a transform boundary.- Complete Mapping Plate boundaries AQ. # 1-5 D-40 – 41 -Begin Activity # 45 Reading - notes SS 45.1 | Same |
| Wednesday Mar. 4 | Warm up: What is a convergent boundary? Give an example.Create a flipbook: Include the 3 plate boundaries drawing, label, definition & give an example from your map 44.2 | Same  |
| ThursdayMar. 5 | Warm up: What is a divergent boundary? Give an example. Decision time: Activity # 49 Where will you store nuclear waste? D 57 – 61. |   |
| FridayMar. 6 | Warm up: Graphing & Science World½ Day Hours 1 - 3 |  |

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| Week ofFebruary 24-28 , 2020 | Lesson | Objective |
| MondayFeb. 24 | Warm up: Write a paragraph describing one thing you did on winter break. Pangea video clips + notes | I can identify evidence that supports plate movement |
| TuesdayFeb. 25 | Warm up: What do you know about Pangea? Explain.Zero: Chernobyl | Same |
| Wednesday Feb. 26 | Warm up: Snow Day ☺ |  |
| ThursdayFeb. 27 | Warm up: Snow Day! |   |
| FridayFeb. 28 | Warm up: What are two things you have learned about Chernobyl? Complete video on Chernobyl, discussion and draw plate boundaries in science notebook.  | I can identify the dangers of nuclear waste |

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| Week ofFebruary 10-14 , 2020 | Lesson | Objective |
| MondayFeb. 10 | Warm up: Why are there such HUGE gaps on your timeline?Geological Timeline with questions # 1- 7  | I can read earth’s timeline |
| TuesdayJan. 28 | Warm up: What do you know about Pangea? Explain.Complete Geological Timeline | I can describe Pangea |
| Wednesday Jan. 29 | Warm up: QuizActivity # 40 – “The Continents Movement – “Pangea”SS 39.2 & 40.1 |  |
| ThursdayJan. 30 | Warm up: Why should we learn about water conservation?Guest speakers from Michigan State University – “Water Conservation” |  I will learn about the importance of conserving our water  |
| FridayFeb. 14 | Warm up:  Reading graphs ½ Day Hours 4-6 | I can analyze data from a graph |

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| Week ofFebruary 3-7 , 2020 | Lesson | Objective |
| MondayFeb. 3 | Warm up: What is the hottest layer of the earth?Reading Act # 38Beneath the “Earth’s Surface”.Student Sheet # 38.2 draw layers of the earth, label: name, state (solid or liquid) temperature. Color  | I can identify the layers of earth |
| TuesdayJan. 28 | Warm up: Draw a timeline of your life.Complete the Earth drawing | Same  |
| Wednesday Jan. 29 | Warm up: How long have dinosaurs been extinct??Geological Timeline Activity  | I can create a timeline of earth |
| ThursdayJan. 30 | Warm up: When were humans first on the earth?Continue Geological Timeline |  Same |
| FridayJan. 31 | Warm up:  Continue Geological Timeline | Same  |

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| Week ofJanuary 27–30 , 2020 | Lesson | Objective |
| MondayJan. 27 | Warm up: List 2 reasons not to put nuclear waste in Yucca Mt.Return Exit ticketsResearch nuclear waste & earthquakes with questions  | I can research for information |
| TuesdayJan. 28 | Warm up: Where is nuclear waste currently being stored in MI?Complete research | Same  |
| Wednesday Jan. 29 | Warm up: What is plate tectonics?Activity # 37 Volcano Lab | I will compare volcanic eruptions |
| ThursdayJan. 30 | Warm up:Complete Activity # 37 AQ # 1-3 - Collect |  Same |
| FridayJan. 31 | Warm up:  Activity # 39 Beneath Earth’s Surface D-14  | I can draw the layers of earth accurately |

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| Week ofJanuary 13 -17, 2020 | Lesson | Objective |
| MondayJan. 13 | Warm up: How is Mohs Hardness scale used for identifying minerals? Include #sActivity # 19 Rock FormationAQ # 1-4 | I will be able to describe the process that forms various rock types |
| TuesdayJan. 14 | Warm up: Do we use color to identify minerals?Complete Activity # 19, AQ, include # 4 on concept map | Same |
| Wednesday Jan. 15 | Warm up: Is oil a mineral? Explain using organic and inorganic.Activity # 20 Identifying Rock Types –Lab  | Same |
| ThursdayJan. 16 | Warm up: List 2 types of luster that is used in the mineral lab.Complete Activity # 20 AQ # 1-4Be sure to add words to concept map in your notebook from activity # 15 |  Same |
| FridayJan. 17 | Warm up: Add Mineral Fact sheets to science notebook. Prepare for quiz on Wednesday Jan. 22 | Same |

Tuesday 1.21. 2020 Exit Ticket Activity # 22 Rock Cycle Game

Analysis Question: Where do rocks come from? Explain your answer using details and be sure to include how they are part of the rock cycle. Refer back to your concept map and SS 22.1. Use complete sentences and include all three rock types: igneous, metamorphic and sedimentary.

Friday 1.24.2020 Activity # 36 Exit Ticket

1. Do you think nuclear waste should be stored at Yucca Mountain?

a.State your decision

 b.Support your decision with as many pieces of evidence as you can.

 c.Discuss the trade-offs of your decisio

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| Week ofJanuary 6 -10, 2020 | Lesson | Objective |
| MondayJan. 6 | Warm up: What did you do on your vacation?Activity # 15 Mineral PropertiesReading pg # 14 -19Notes  | I will be able to describe the process that forms various rock types |
| TuesdayJan. 7 | Warm up: List 3 properties of minerals.Complete Activity # 15 AQ # 1-2 Video- *Diamonds in Arkansas* | Same |
| Wednesday Jan. 8 | Warm up: Use your concept map to write a paragraph (Activity # 15)?Activity # 16 Lab Mineral IdentificationCreate a notecard for mid-term | Same |
| ThursdayJan. 9 | Warm up: Check Notecard for mid-termComplete Activity # 16 |  Same |
| FridayJan. 10 | Warm up: Mid-term | Same |

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| Week ofDecember 16 – 20, 2019 | Lesson | Objective |
| MondayDec. 16 | Warm up: What is deposition?Rock Research Computer lab – Room 409  | I will investigate how the processes of weathering, erosion, and deposition have shaped earth’s surface |
| TuesdayDec. 17 | Warm up: Give 3 examples of weathering.Rock Research Computer lab – Room 409  | Same |
| Wednesday Dec. 18 | Warm up: How do we determine the age of rocks?Activity # 14 Analyzing Data | Same |
| ThursdayDec. 19 | Warm up: Complete Activity # 14 and turn in questions |  Same |
| FridayDec. 20 | Warm up: Graphing & Earth Science Video1/2 Day Hours 4-6 | Same |

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| Week ofDecember 9-13 2019 | Lesson | Objective |
| MondayDec. 8 | Warm up: What is weathering?Complete Crayon Rock Cycle Lab | I will investigate how the processes of weathering, erosion, and deposition have shaped earth’s surface |
| TuesdayDec. 10 | Warm up: What is erosion?Rock Cycle worksheet in notebook & Reading  | Same |
| Wednesday Dec. 11 | Warm up: What are natural resources?Lab – Activity 3 12Observing Natural Resources | Same |
| ThursdayDec. 12 | Warm up: What is a mineral?Lab - Activity # Diamond Dilemma,  |  Same |
| FridayDec. 13 | Warm up: Explain plate tectonics!Complete Lab “Diamond Dilemma”/ Questions | Same |

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| Week ofOctober7 - 11 2019 | Lesson | Objective |
| MondayOct. 7 | Warm up: What are some of the obstacles that the engineers had to face in order to build in Dubai?Finish video on Dubai+ taking notesBegin designing leaf gliders with my team | I will use engineering skills to design a leaf glider |
| TuesdayOct. 8 | Warm up: What challenges have you encountered in your leaf design?Continue working with your team to design leaf gliders and gather data on data sheet | Same |
| Wednesday Oct. 9 | Warm up:  | Same |
| ThursdayOct. 10 | Warm up: |  |
| FridayOct. 11 | Warm up:½ Day Hours 4,5&6 |  |

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| Week ofOctober14 - 18 2019 | Lesson | Objective |
| MondayOct. 14 | Warm up: What are some of the obstacles that the engineers had to face in order to build in Dubai? | I will use engineering skills to design a leaf glider |
| TuesdayOct. 15 | Warm up: What challenges have you encountered in your leaf design? | Same |
| Wednesday Oct. 16 | Warm up:  | Same |
| ThursdayOct. 17 | Warm up: |  |
| FridayOct. 18 | Warm up:½ Day Hours 4,5&6 |  |