

Mr. Hill's Calamity #3 Assignment

Name: _____

Hey guys,

So here we are yet again working on science from home. First I am not seeing any assignments from the last couple weeks being emailed to me or pictures being sent. I am hoping that everyone is just waiting to return them at the food-drop places this Thursday (4/30/20). I have tried to design activities that everyone can do around your home no matter where you live and you don't have to have the internet to complete. Also, I believe these activities are things you'll enjoy doing and can possibly do with others at your home. This next assignment is as promised all year...The Independent Study. You are going to pick whatever it is you want to research, create, experiment, design, build, gather, etc. and report back on it. You will have rubric that will be self-assessed and turned in for your final grade since I will not be able to see everyone do a presentation. It will require that you present your findings to an adult in your home and will require their signature.

Update and Great News... for those of you who have made the arrangements to go to DC...obviously we can't/aren't going as scheduled...but instead of canceling I have been working with our tour company, FUN BUS, and the administration, coaches and band director in our district. We have officially rescheduled the trip for October 19th, 20th and 21st of 2020...it is a Monday, Tuesday and Wednesday following volleyball season and the first 9 weeks of school...Parent/Teacher conferences are that Thursday the 22nd and there is no school that Friday the 23rd...we will deal with the final payments and rooming when we get back to school next year...those who did After-School this year and were eligible for the DC money will get that as planned...I am really excited about this for you guys...behavior guidelines will still be in place at the high school as they were in the middle school before you go...enjoy!

The Assignment - Independent Project

I have been telling you guys since the beginning of the year we would be doing an independent research assignment the 4th 9weeks. Well, here we are. It's going to look a little different this year because you won't be presenting in front of your class and me. You are going to be required to show it or present to an adult in your household. Don't forget this is the scientific process/method you are using. To start that process you need to come up with an idea. You get to choose what you want to do. Get as creative as you can. I understand you may be limited to what you do but that is part of the process. Research what you have available as far as tools (supplies for research, for building or creating finished products) available to you to use and what you are allowed to do at home as well. Above all I want you to learn something new. Even if you want to do a project that you know something about, take it to a level that lets you learn something new. This project can be about anything you come up with. It can be a google slideshow explaining research you did and questions you found answers to, you can do an experiment, create a new language, show me how to make a great Tik Tok, create a meal in the kitchen, explain how to find morel mushrooms, how to play an instrument, how to shoot a foul shot, how to fly a drone, how to fix a dirt bike, how to change a tire, how to ride a horse, report on your favorite animal, how to create a beautiful drawing or painting, do some computer coding, how to stay healthy during a pandemic, etc...these are ideas not your only choices. You need to come up with a hypothesis (something testable you can show or test)...plan how to do it...make sure it works...share it (video, live, written oo however)...if at all possible I would love to see it...email it to me, send me a link to follow or share in google if possible. You will then need to complete the rubric and have an adult of the household sign it.

This is not designed to be done in a day...the plan is for you to work on this about an hour each day that is a school day and to finish it in time to turn in the rubric on the last day assignments will be collected by the district (so

pay attention to the district phone calls about when and where that will be and plan accordingly). Please have fun with this and enjoy doing and learning about something you are curious about or want to know more about. This is your choice on the assignment...own it...make it as good as you can.

Please read over the rubric before you start so you know all of the expectations for scores first...that way you know what you need to do to get the best possible score.

CATAGORIES	5 Points	4 Points	3 Points	2 Points	1 Point	No score
Time of final presentation.	5 Minutes or more	At least 4 minutes	At least 3 minutes	At least 2 minutes	At least 1 minute	Less than 1 minute
Steps of Scientific Method						
IDEA	creative and unique with lots of thought	thought it out somewhat	gave it a little thought	just picked something to do it	had to be told what to do	no idea
RESEARCH	considered all your resources available	thought it out somewhat	gave it a little thought	didn't think about some stuff you did have	didn't think about some stuff you didn't have	didn't reseach any of your resources available
HYPOTHESIS	came up with a testable idea that you could prove or explain	came up with an testable idea but couldn't really do it at home	named a hypothesis but it wasn't really testable	came up with an idea more than a hypothesis	hypothesis doesn't apply to what you are doing	no hypothesis
PLAN	Had everything organized as needed when you carried out your project	Had everything organized,except one thing, as needed when you carried out your project	Had everything organized,except two things, as needed when you carried out your project	Had everything organized,except three things, as needed when you carried out your project	Had everything organized,except four things, as needed when you carried out your project	did not plan at all and had to go back and redo things several times
PROJECT/EXPERIMENT /PROCEDURE/REDO	you gave your best efforts in producing a quality project	you gave your second best effort in producing a quality project	you gave a third of you best effort in producing a quality project	you gave a fourth of your best effort in producing a quality project	you really didn't try or care in your efforts	you didn't finish a project
RESULTS	you learned something new or in addition to what your project was about before you started	you learned something new but not really about your project	you honestly didn't learn anything at all but worked really hard trying	you honestly didn't learn anything and didn't challenge yourself to do so	N/A	N/A
SHARE	you felt you presented and explained your project to the very best of your ability and your audience understood you	you felt you presented and explained your project pretty well and your audience mostly understood you	you felt you presented and explained your project so so and your audience didn't really get it	you could have done a way better job and prepared more and your audience didn't know you were trying to explain	you didn't prepare at all and it was a flop	you didn't share it with anyone
TOTAL SCORE						