**Your Mission:**

Bio12 **Mutations & Me…**  Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 ~Mini Inquiry~ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Block: \_\_\_\_\_

**Task 1) Complete a brainstorm to investigate topic ideas & begin to generate some simple questions that interest you**

*Some topics we’ve covered- helpful & harmful mutations, gene editing, CRISPR cancer, telomeres, bioethics & technology, 3 parent babies, organ growing, inherited diseases*

**Task 2) Research Notes & Document sources in a Bibliography**

Your research must include AT LEAST ONE OR MORE OF each:

 i) Print sources (book/ magazine)

 ii) Scientific journal article quotations (from the abstract is ok)

 iii) Electronic articles / source from data base

**Your research may NOT include WEB MD or Wikipedia as valid sources**

**\*\* Cite all sources in a bibliography**

***\* You will be asked to show the teacher your research notes be sure to keep track of what you are finding in a clear written form that.***

***Your research notes will be checked at multiple points.***

***Keep them in one spot that can be printed off and or handed in and returned to you. USE OWN WORDS, paraphrase & summarize DO NOT COPY AND PASTE***

**Task 3) Develop a complex question that interests you and investigate it**

*Use your research to develop a deeper question that shows complexity.*

*(involves analysis, multiple perspectives, creating etc)*

**Task 4) Share & showcase your findings**

- Put findings into a visual & verbal presentation format of your choice

-scientific poster – animated sketch note – ted talk with visual – creative dance etc

**Task 5) Communicate- Prepare 3-5 cue cards & a mini oral presentation**

Practice speaking about what you found out and how to best summarize the info on your poster verbally. You will share in a gallery walk format ~10 mins

**Evaluation**

***Emerging Developing Proficient Extending***

a) Analyzing and Processing Information- Gather info & organize brainstorm

b) Evaluation of Sources (Strong sources in a Bibliography)

c) Questioning- development of a complex question

e) Applying and Innovating- Project format demonstrates transformation of information in a unique & visual form

d) Communication of Ideas- use scientific language to present your findings & answer questions verbally