**BIOLOGY 2022-23 January 3, 2023**

**Today’s Agenda (Day 79)**

1. HOUSEKEEPING ITEMS

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1. Homework Check:

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1. Class Activity:

🡪BEGIN: Science Fair

\*Update template

🡪BEGIN: Chapter 11 PPT Review

1. Section 11.1 – Basic Patterns of Human Inheritance
2. Section 11.2 – Complex Patterns of Inheritance
3. Section 11.3 – Chromosomes and Human Heredity

HOMEWORK:

* READ: Chapter 11 – Complex Inheritance and Human Heredity [for NEXT SEMESTER]
* COMPLETE:
* **STUDY**:

REMINDERS:

* **~~MIDTERM EXAM: Ch 1 – 10 🡪 December 15, 8:30 am~~**

**SCIENCE FAIR 2023 OUTLINE - Updated**

1. WHAT IS THE SITUATION/PHENOMENON/PROBLEM THAT YOU WOULD LIKE TO INVESTIGATE?
2. WHO ARE YOUR PARTNERS? (Maximum 3 per team)
3. WHAT CATEGORY WOULD IT FALL UNDER: (Circle the appropriate category.)

Technical Environment Science

1. WHAT IS YOUR HYPOTHESIS OR MODEL YOU WILL BE INVESTIGATING/CREATING?
2. STATE THE FOLLOWING:
3. Independent Variable
4. Dependent Variable
5. Control Variable(s)
6. Operational Definition(s)
7. Prototype (if doing TECHNICAL)
8. DESCRIBE BRIEFLY WHAT YOU WANT TO DO, WHY YOU WANT TO EXPLORE THIS TOPIC, AND WHAT IS THE SIGNIFICANCE TO EITHER SXM OR GLOBALLY?
9. LIST THE MATERIALS YOU WILL/EXPECT TO NEED:
10. OUTLINE THE PROCEDURES FOR THIS INVESTIGATION/MODEL CREATION:
11. YOU WILL BE EXPECTED TO CONDUCT A LITERATURE REVIEW OF YOUR TOPIC. PROVIDE A LIST OF KEYWORDS/QUESTIONS THAT YOU WILL TYPE INTO THE SEARCH ENGINE TO RESEARCH YOUR TOPIC.
12. BRIEFLY DESCRIBE WHAT YOU WILL BE THE FOCUS FOR EACH OF THE FOLLOWING WEEKS:
13. Week 1
14. Week 2
15. Week 3
16. Week 4
17. Week 5
18. Week 6