**Rotating Science Center Lesson Plan with Commodore Perry Students**

**Date:** Tuesday, Nov. 6, 2018

**Homeroom Teacher:** Mrs. Olson

**Students:** diverse 6th grade learners (27)

**Academic Standards:**

3.3.7 A Describe the similarities and differences of certain human characteristics

3.3.7 A a. Define and state examples of inherited and acquired traits

**Main Topic of Lesson:**

Comparing and Identifying inherited and acquired traits and behaviors

**Lesson Title:**

GENE-O Inherited and Acquired Traits Bingo

**Lesson Goal:**

In this science center, students will be able to identify the different traits that are inherited, and learned. The student will be able to differentiate between traits that are genetic and traits that are learned. The students will also be able to compare these traits with peers and create a clearer understanding that everyone is unique and has different traits.

**Questions:**

1. What are common traits that you share with your peers?

2. How can you tell if a trait is inherited or learned?

3. What makes you unique?

**Procedure of Center Activity (***Sequential Steps***):**

1. The teachers will describe what the activity is that the students will be doing. 🡪GENE-O (Genetic Bingo)
2. The teachers will explain the rules of the activity.
3. The teachers will hand out the bingo sheets and the chips.
4. The students will listen and cover the trait that describes them. For instance when the teacher says “cover the square marked Freckles if you have this trait”, students that have freckles should mark this on their bingo sheet.
5. The activity will continue until at least one student receives a GENE-O!

**Closure, Review, Addressing Questions:**

The teacher will ask questions that relate to the topic of genes and inherited and acquired traits. For example:

What traits do you have that are similar to your peers around you?

Which traits did you have that were genetic?

Which traits did you have that were acquired?

How do your traits make you unique?

**Science Center Summary:**

The teacher will have the students reflect on the science activity. The desired goal would be for the students to have a better understanding of what acquired and inherited traits are, and to be able to compare and contrast the two. Students will also understand what makes them unique and similar to friends around them. Following the center the class can create a Venn diagram in which it compares and contrasts the two.