

## **Instruction Delivered**

Throughout my unit, I delivered my instruction in various formats in order to differentiated learning in my classroom as well as continuously assessment my students. I created the lessons for the unit by identifying my student's needs by their interest, readiness and learning profiles.

During the student's warm-up, the students will have questions or problems from pervious concepts in biology. This will give the students an opportunity to demonstrate their understanding as well as asking questions about the content. The warm-up will vary each day, but the students will reflect how their problem solving and critical thinking about the situation or problem. After five to ten minutes, we will have a class discussion in which the students will lead the discussion by presenting their solutions to the class. This gives the students an active role for learning in the classroom.

For each learning target, the student will be taking notes on their content. The students will learn the material by taking notes on their i-Pad's and follow on with the presentation on the smart board. The presentations from Prezi and Powerpoint will include videos and animations for the students to follow along and learn the content from a different media.

Besides notes and assessments, the students will complete the following activities in this unit:

- DNA Replication Worksheet
- Building and Replicating DNA
- Krispy Synthesis (Cooking with DNA)
- Transcription and Translation Multiple Intelligence Lesson
- Discussion on the Pros and Cons of Genetic Engineering

- Watching the movie Gattaca and working on the Gattaca worksheet
- Recombinant DNA Activity