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| **Lesson Plan** | | Teachers:  Michelle Pineda | | | Day # 5 | | |
| Mathematics Common Core Standards Addressed:  1.OA.1. Use addition and subtraction within 20 to solve word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions, e.g., by using objects, drawings, and equations with a symbol for the unknown number to represent the problem  New York State Science Education Standards Addressed:  LE3.1a Compare and contrast physical characteristics in animals. Identify, describe and compare the physical structure of animals.  Learning Objective: What do you want students to know and be able to do after the lesson/trip? Students will be able to identify mammals and reptiles. Students will be able to compare and contrast mammals and reptiles. | | | | Students will engage in:   * Independent practice * Whole group * Partner work * Other: video | | |  |
| **Time** | **Teachers Role** | | **What are students doing?** | | |  | **Materials** |
| 15 minutes | Launch: Develop pictures from the trip and present them to the class. Select a student to share how many animals they think they saw during the trip.  Questions to ask:   * What do you see in the picture? * What do you think is happening in the picture? * How did you enjoy the trip? * What was your favorite part? * What kind of mammals/reptiles did you see? * What was your favorite animal and why? * How many animals do you think you seen in all yesterday? (students says 50) * 5 + 0 =? * 5 – 0 =? * How many ways can we make 50? | | Students will be seating in a circle as a whole answering questions. | | | | pictures |
| 15 minutes | Review/ Connections to prior knowledge:  Display 10 different picture of reptiles and mammals combined. As a whole group students will all participate to place the pictures of the animals in the correct category.  Questions to ask:   * Closely look at the pictures which animal belong in the reptile category * Which animals belong in the mammal category? * Why does this animal belong in this category? * Why doesn’t this animal belong in this category? | | Students will all participate as a whole to place animals in correct category | | | | Smart board |
| 25 minutes | Explore/Learning Activity:  Students will watch a video on reptiles and mammals. The video will inform students about the animal’s characteristics and habitats.  Questions to ask:   * What animals were mentioned? * Did you see any of these animals that were mentioned in the video at the Bronx zoo? * Did you learn any new information? | | Students will watch a video  Students will answer questions about the video | | | | video |
| 15 minutes | Potential Independent Practice:  Students will review their graphs that were given to them on the day of their field trip. Using the information they gathered they will independently write a paragraph about the animals that are listed on their graph. They must write one characteristic for each animal. The advanced students must write about six animals (3 mammals, 3 reptiles) while the low students will only be required to write about two animals (1 mammal, 1 reptile). Three students will be selected to share | | Students will write and discuss | | | | Notebook  pencil |
| 10 minutes | Summary/Closure:  Students will be placed with a partner they will discuss their favorite mammal/reptile and why. Their partner must retell what the other person said. Six students will be selected to share. Each student must retell what the other person said this requires the student to listen carefully to their partner  Questions to ask:   * What was your partner’s favorite mammal? * What was your partner’s favorite reptile? | | Students will engage in conversation with a partner | | | | none |
| Homework assigned: Students will use their charts that were given to them from the field trip. They will create word problems, using addition and subtraction. They will use the numbers they recorded and the different types of animals they listed. | | | | | | | Graph  Loose leaf paper  pencil |
| Assessment:  Students will be given a test with pictures of six different animals they must draw a line to connect the animal to the correct category (reptile/mammal). Students must then select two animals and write two sentences on how they are similar and different. | | | | | | | Test |