Description: You will collect data about Mexican Gray Wolves and determine some of the problems they are currently facing.

Location at Zoo: Wolf Woods Cabin

Materials: pencil

Activity: The Mexican Wolf is the rarest of grey wolves. There are less than 400 of these animals in the world. Wolves eat a wide variety of food, such as mice, squirrels, deer, elk and dead animals (called carrion). Sometimes they even eat plant material. Wolves usually hunt animals that are very young, very old, injured or weak.

Collect the following data from the signs and graphs inside the Trapper’s cabin.

1. **Wolves Don’t Eat Pie**
   - Find the pie chart that shows the amount and type of prey that wolves eat in the wild. Write the information below.

<table>
<thead>
<tr>
<th>Type of Prey</th>
<th>% of Diet</th>
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To solve this problem you will use intermediate data collecting and arithmetic skills.
2. Read the History of Wolf Restoration sign and fill in the data below:
   a. Decade first ranches were established: ________
   b. Year first bounty offered for wolf kill: ________
   c. Year last known Mexican wolf was killed in the United States: ________
   d. Year Mexican wolf listed as an Endangered Species: ________
   e. Years last 5 Mexican wolves captured in Mexico for captive breeding program: ________
   f. Year of first release of 11 wolves into Blue Range Recovery Area: ________
   g. Birth year of first wild born wolf pup: ________
   h. Year when wild population estimated at 50 Mexican wolves ________

Back at School
1. On separate sheet of paper, use the data you collected at the zoo on types of wolf prey and their percent in the wolf’s diet to create your own graph (not a pie chart).

2. On another sheet of paper, create a time line with the data you collected from the sign History of Wolf Restoration.

3. How many years went by from the time when ranches were first established in Arizona and New Mexico until the last Mexican wolf was killed in the U. S.? ____________

4. What was the time span between the listing of the Mexican wolf as an endangered species until the release of the 11 captive wolves into the Blue Range Recovery Area? ________

5. How many years went by from the first wolf release until the wild population was estimated at 50 Mexican wolves? ________

6. Why are Mexican Gray Wolves being reintroduced to the wild? Use the following websites to research more information:

Academic Standards - OH Mth: E: (4: 1.2) (5: 1-4) (6: 1.2) KY Mth: D: (04-4.1.1) (04-4.1.2) (04-4.1.3) (05-4.1.1) (05-4.1.2) (05-4.1.3) (05-4.1.4) (06-4.1.1) (06-4.1.2) (06-4.1.4) (07-4.1.1) (07-4.1.4) IN Mth: (4.6.2) (6.7.5) (7.7.6)