

Activity #16: *The Tale of Chipilo*

Outdoor Bird Watching

Materials Needed:

- Binoculars if available—one per group
- Bird ID books from library, used book store
- Field Notebook – To be made by students

Pre Outdoor Activity:

View “What is a Bird” and “Bird Adaptations–Beaks & Feet” PowerPoint presentations. Complete Activity #15: Indoor Team Bird Watching.

Directions:

- 1) Students work in teams of 2 to 3 or keep entire class together in one large group
- 2) Each student prepares a field notebook with several pages of lined paper cut in half and construction paper used as the cover—students should have their name and the title “Field Notebook” on the outside of the notebook. If time permits they may decorate the cover with bird pictures. Students should write the list below in the notebook before going out.
- 3) Select a suitable outdoor site to look for birds—have students use binoculars if available and look for the following characteristics:
 - ⇒ size
 - ⇒ color
 - ⇒ beak
 - ⇒ feet
 - ⇒ shape of wings if flying
 - ⇒ activity (flying, perching, eating, fighting, wading, swimming, singing, etc.)
 - ⇒ location (sky, tree, ground, water, etc.)
 - ⇒ time
- 4) Record the observations in their field notebook

Assessment:

- 1) Make a pie graph comparing the number of birds seen flying, eating etc.
- 2) Make a bar graph comparing the number of feet or beak types observed
- 3) Make a line graph of how many birds were seen in each 10 or 15 minutes observation period

Alignment:

Grade 3 (red)

Grade 4 (blue)

Grade 5 (green)

Grade 6 (purple)

English Language Arts & Reading student expectations: 13(B), 24(B,C); 13(B), 24(B); 12(B), 23(B)

Mathematics student expectations: 13(A), 15(A,B), 16(A,B); 15(A,B), 16(A,B); 13(C), 15(A,B),

16(A,B); 10(C), 11(A), 12(A), 13(A,B)

Science student expectations: 1(A), 2(A,C,E,F), 3(A), 4(A), 9(A); 1(A), 2(A-D), 3(A), 4(A); 1(A),

2(C,D,G), 3(A), 4(A), 9(A); 1(A), 2(B-E), 3(A), 4(A), 12(E,F)

Social studies student expectations: 17(A,B,E,F); 6(B), 21(A-C,E), 22(A,D); 6(B), 24(A-C), 25(A,D);

3(A), 21(A-C,F), 22(A,D)