

## **Eagles and Measurement**

**Grade Level Range:** 3-5

**Content Areas Addressed:** Science and Math (measuring)

**Group Size:** 4-5 students

**Duration:** 30 minutes

**Key Vocabulary:** length, width

**Materials Needed:** rulers, eagle sheets with body parts displayed largely

### **Lesson Objective**

The students will be able to accurately measure objects using standard units of measurement. The student will be able to compare sizes (twice as big, 5cm less than, etc).

### **Methods**

The teacher will instruct students on standard units of measurement using the metric system. Students will implement this measuring using an eagle template, comparing the size of body parts of an eagle.

### **Procedures**

The teacher will demonstrate how to measure various objects with a ruler using the metric system (cm).

The teacher will pass out eagle activity sheets and rulers with metric scales.

Students will measure the body parts of the eagle on the handout and compare and contrast their sizes.

### **Evaluation Alternatives**

The teacher will use the key to check the students answers to make sure that they fully understand and can use the skill of measuring.

### **Background**

In order to complete this assignment successfully, The students must know how to be able to use a ruler, measure correctly, and be able to record their measurements. The teacher must already know what the answers are going to be as well as having the appropriate models on the pages representing the eagles.

### **Resources**

<http://www.berry.edu/eaglecam/>

<http://www.enchantedlearning.com/subjects/birds/printouts/Eaglecoloring.shtml>

### **Standards Addressed**

[CCSS.MATH.CONTENT.2.MD.A.1](#)

Measure the length of an object by selecting and using appropriate tools such as rulers, yardsticks, meter sticks, and measuring tapes.

S1CS3. Students will use tools and instruments for observing, measuring, and manipulating objects in scientific activities.