Creepy Crawly Lesson Plan

Objectives: By the end of the lesson the students will be able to describe the difference between an invertebrate and a vertebrate. The students will be able to describe the physical differences between insect, millipedes and centipedes, decapods, mollusks, arachnids, and gastropods. Students will be able to describe importance of more than two invertebrate animals. Students will be able to draw the body design of a true insect.

Grades: K-8 (With Adaptions for High School Students)

Materials:

1. Paper
2. Markers and Crayons
3. Invert Diagram Sheets
4. Animals from the Creepy Crawly Unit

Introduction:

The educator will start the lesson by asking the students to think about a type of bug that they know. The educator will ask them to describe what each one looks like and why they think they look that way

Lesson:

After the introduction the educator will describe to the students that bugs don’t really exist. Instead insects and other invertebrates are animals that we call bugs over all. The educator will describe the difference between an invertebrate animal and a vertebrate animal. Then the educator will talk about the different types of invertebrates that are found on the planet focusing on true insects, arachnids, millipedes and centipedes, decapods, gastropods, and mollusk. Describe the physical difference between these groups of inverts. After that the educator will talk about some reason invertebrate animals are important to the planet. Then the educator will bring the animals for this unit out and talk about each one and which family they belong and plus their role is the wild as an animal.

Wrap Up:

When the animals are away the educator will then give the students paper and drawing utensils. They will let the student draw a invertebrate they like and label their body parts on the sheet.