



TEACHER'S GUIDE  
GRADE – Kindergarten  
Ability to Do Scientific Inquiry  
GLE# (SI-E-A1)(SI-E-B4)(SI-E-A5)

**Objective:** To be able to distinguish between land, air, and water and to Determine which animals, insects, reptiles, etc. inhabit land, air, and water.

**Materials:** Three plastic containers. Land, air, and water labels. Three felt squares in the colors blue, white and brown. Pictures of or plastic objects of various birds, animals, insects, etc. Three small glass containers.

**Introduction:** Teacher will take students outside of the classroom and will ask one student to scoop air in one bottle, another will scoop dirt in the second bottle, and another student will scoop water into the third bottle demo stating what is land, air, and water. Upon returning to the classroom, the teacher will place a brown felt square in one basket and will label that basket with the word land, the teacher will place the blue felt square in the second basket and label it water, and the third basket will contain the white felt square and be labeled air.

**Procedure:** The teacher will instruct the students to select a plastic animal or insect from the table and place it in the basket (land, air, water) where that animal or insect would normally be found.

**Enrichment:** The teacher will take the students on a nature walk and they will observe the animals, insects, and birds that are in the air, on the ground, and in the water. Students will look through various books and search for animals that live on land, in air, and in water. They will make a chart placing the pictures of the various creatures under the titles land, air, and water. The teacher will place pictures of various animals, insects, and birds on a table. The teacher will explain that the students are going on a scavenger hunt. The teacher will describe one of the animals, insects, or birds on the table and then ask one student to find that picture and place it in one of the three air, land, and water labeled baskets. This exercise will continue until each student has found and placed an animal, insect, or bird in a basket.

**Assessment:** The teacher by observing the children's placement of the words air. Land and water and the placement of the animals, birds, and insects will be able to evaluate the students ability to distinguish between air, land, and water and which animals, insects and birds inhabit land, air and water.