

DREAMING TREE

Lesson Plan

Pre-K (early Autumn)

Unit: Motion

Subunit: Airplanes

Where do airplanes live, rest, go when not flying?

Counting airplanes

Standard:

5. Cognition and Knowledge of the world.
 - a. Make sense of problems and persevere in solving them.
 - b. Reason abstractly and quantitatively.

Objective/Goals:

Students will be able to match the number six with six objects. Students will understand that airplanes are kept in a Hangar.

Vocabulary:

“Hangar” a large building for housing aircraft.

Anticipatory Set/Motivation:

Teacher will show students a large toy airplane. He tell students it was just on a very long trip and the plane needs to go home. But where does the plane go?

Does it go in a house? The teacher takes the plane and tries to fit it in a toy house. The students say, No!” The teacher asks why? Because it is too big! The teacher does this over again with a car garage, apartment, apartment building, store etc. . . .

Instruction:

1) Teacher shows the students a video of a plane taxiing toward an airplane hangar. The video is chosen specifically because it has a person standing next to the plane as it taxis into the Hangar. The teacher points out the size of the person in comparison to the plane and the hangar.

2) He explains to them that this is where planes stay when not flying. He asks the students what they notice about the building? “Its very big!” the students say.

3) Teacher tells students that there are some hangars that are so big they hold more than one plane. However, you have to be careful to put the correct number of airplanes in the Hangar otherwise you might damage their wings.

Activity:

Teacher asks the students for help putting the right number of planes in the right hangar.

Use shoeboxes to make airplane hanger for these planes. Use six boxes. Number them from 1 to 6. You can increase the number of boxes and counting opportunities if you wish. Using toy or, cut out paper airplanes, invite the children to park the correct number of planes in each hanger.

Guided Practice:

Teacher will demonstrate and work with students counting out correct number of planes and putting them in one of the hangars.

Independent Practice:

Students will be given one numbered hangar and ask to put the correct number of planes in the hangar. When they have succeeded they switch with other students.

Differentiation: Students with IEPs will be given a hangar with a low number, either one or two.

Students performing above grade level will be given simple addition and subtraction exercises. Such as, if your Hangar can fit 4 planes and you have 3 how many more planes can fit in the Hangar.

Assessment/Follow Up:

Students are given many small circles and a set of large circles with the numbers 1-6 written in them. Students are asked to put the correct number of small circles in the correct large circle.

Students are given a toy airplane, car, person, cow. They are presented with table matts with an apartment building, car garage, barn, and a hangar. They are asked to place the toy on the picture were each belongs.