

Transportation Unit:
Trains, Airplanes, Cars/Trucks and Boats

Virginia's Foundation Blocks for Early Learning: Comprehensive Standards for Four-Year Olds, 2007.

These standards are beacon lights for my curriculum. I adapt them according to the ability of my students. I use them as goals to strive towards or as background building for my students' future learning. These goals are my focus, but they are not the only objectives being utilized by the following lessons. Language and social goals are incorporated into daily routines.

I. Virginia Foundation Blocks for Early Learning

1. Scientific Investigation, Logic and Reasoning

- a. Identify basic properties of objects by direct observation
- b. Describe objects using pictures and words
- c. Sequence objects according to size
- d. Separate a set of object into two groups based on physical attributes

2. History and Social Science Foundation Block 3: Geography

- a. Engage in play where one item represents another- miniature vehicles, people, blocks.

- Transportation Drama Center Corresponds with this Unit

II. Concepts to be taught:

1. There many different kinds vehicles

- **Types of Vehicles:**

1. Train
 2. Airplane
 3. Boats
 4. Cars and trucks
 5. Work Machines - for construction and roadwork
2. Trucks, trains, boats and airplanes are bigger than most cars
 3. One needs to put fuel or gas in a vehicle so it will run
 4. Headlight, mirrors, and wheels are part of a car

5. One needs to have a driver's license is needed to drive

II. Concepts to be taught:

6. Vehicle needs a license plate to drive

III. Stories to be Read: (Books that I own)

1. What Kind of Truck? by Margo Hover
2. The Truck Book by Harry McNaught
3. Big Wheels by Joanne Barken
4. The Happy Man and His Dump Truck by MIRIAM
5. Things on Wheels by Kate Little
6. Look At Me : Things that Go! by Modern Publishing's
7. You Can Pilot A Submarine by Carolyn Bracken
8. Theodore's Birthday Surprise by Andrew Cochran (about a tugboat)
9. Theodore's Best Friend by Andrew Cochran
10. Things That Can Fly by Kate Little
11. Richard's Scarry's Planes by Richard Scarry
12. Jay Jay the Jet Plane, Jay Jay's Big Book of Flight by Kelli Chipporneri
13. Little Mouse and the Rocket Ship by Michael Teitelbaum
14. The Little Engine That Could by Watty Piper
15. Thomas And The Magic Railroad: Little Engines Can Do Big Things by Britt Allcroft
16. Breakfast Time for Thomas by Rev. W. Awdry
17. Thomas the Tank Engine's: Big Lift and Look Book by Rev.W. Awdry
18. Freight Train by Donald Crews
19. Oh No! Train Can't Go! by Heather Amery and Stephen Cartwright
20. The Choo Choo Train by Lillian Boyer Pennington

Additional Books:

1. Things that Go by Anne Rockwell
2. Flying by Donald Crews
3. All About Trucks by Paul Strickland

IV, Activities

Overall Activities

1. Color sheets of different vehicles
2. Booklets of vehicles
3. Drama center of using little cars. trains and pretending to

to be a passenger in a train, plane or boat.

IV, Activities

***Train is another Unit so see the separate plans for trains**

Overall Activities

4. Use tricycles as cars and pretend to work on cars as mechanics and 'need to fill up with gas .
5. Have a car wash with real water and soap
6. Collage: cut up magazine pictures of vehicles
7. Graph; What moves : on Land, Air, or Water ; put picture on graph
8. Largest to Smallest: Have various size pictures of vehicles or use real toys and order them smallest to largest .
9. Sorting the vehicles: Use your class toys and sort them by type or color

B. Airplanes

1. Make paper airplanes
2. Sort : put paper airplanes, colored and decorated with collage materials , sort into boy and girl graph

C. Boats (I have a boat in my classroom), Can be a Fishing boat, or a Cruise Ship

1. Color sheets
2. Margarine Sail boat
3. Shape Boat. cut out triangles and crescent shapes and let children make a boat
4. Styrofoam barges; Use Styrofoam meat containers for barges : Glue items on them that the barge could carry.
* Ask the butcher at your favorite grocery store an he/she will give you some clean Styrofoam containers

D. Cars and Trucks

1. License plate rubbings: make rubbings with crayons
2. Car wheel tracks: dip wheels in thinned paint and drive the car on construction paper
3. Shaving cream snow; drive cars and trucks through snow
4. Play with miniature cars, trucks with a neighborhood floor map

5. License Plate Match: Make sets of license plates and have children match the sets

6. Shape Truck: Use circles, and rectangles to make trucks

E. Space Shuttle (I have an "Out in Space" unit for more ideas)

1. Color astronaut and

2. Color a space ship

V. Cooking Activities

1. Candy Airplane

2. Graham cracker train

3. Cookie red caboose

4. Orange half boat

5. Peanuts and soda for airplane snack