

# Lesson 93

---

## Materials:

- ❖ Small paper clips
- ❖ Plastic, toy digger truck
- ❖ Cardboard
- ❖ Golf tee
- ❖ Five water bottles
- ❖ Color cubes (one inch)
- ❖ Non-standard unit of measurement: graham crackers, paper clips, or craft sticks
- ❖ *Digger, Dozer, Dumper*, by Hope Vestergaard
- ❖ Worksheet 93
- ❖ Hammer
- ❖ Brown liquid watercolor paint
- ❖ Shaving cream
- ❖ Liquid white glue
- ❖ Dry erase marker

## Daily Opening Routine:

- ❖ Continue routine activities.
- ❖ Say “Five Construction Vehicles” with your child.  
Five construction vehicles on a builder’s site,  
Digging and pushing with all their might.  
Along came (*child’s name*) with a hard hat one day,  
Climbed one of the vehicles and drove it away.  
Continue with other verses:  
Four construction vehicles...  
Three construction vehicles...  
Two construction vehicles...  
One construction vehicle...

## Language Arts/Social Studies/Character Development:

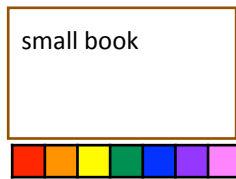
- ❖ Read *Digger, Dozer, Dumper*. Discuss the construction vehicles and the jobs each one does.
  - ◆ Garbage Truck
  - ◆ Dump Truck
  - ◆ Backhoe
  - ◆ Excavator
  - ◆ Bulldozer
  - ◆ Cement Mixer
  - ◆ Steamroller
  - ◆ Forklift
- Have the child describe how the construction vehicles worked hard to do their best and complete the work for which they are responsible.
- Have the child describe how he can do his best with work he does (daily chores, school work, etc.).
- ❖ Teach the sound “d” as in daddy. (Try to only say the pure consonant sound, without a strong “uh” sound after it.)
  - Say the sound and have the child repeat it.
  - Have the child say this alliterative tongue-twister: “Digger dared Dumper to drop the dirt on Dozer.”
    - ◆ Help the child make other tongue twisters. (Possible words: dog, duck, doll, drum, door, dinosaur, dig, dot, dress, dance)
  - Review the **d** sound with your child at various times throughout the day.

- ❖ Review letter sounds.
  - Write the letters on a large piece of cardboard: m, s, f, z, a, n, r, l, v, e, d.
  - Say a letter.
    - ✦ Have the child hammer a golf tee into the cardboard on top of the given letter.
    - ✦ Have the child say the sound of the letter.
    - ✦ Have the child say a word beginning with the letter.
  - Continue with other letters.
- ❖ Worksheet 93: Play the A-Z Game.
  - Game Preparation:
    - ✦ Cut out the spinner and game pieces on the dotted lines.
    - ✦ To make each game piece stand, fold on the solid line.
      - ✦ A small paper clip may be clipped to the base for support.
  - Game Instructions:
    - ✦ Each player chooses a game piece and places it at the start.
    - ✦ Player one holds a paper clip with the tip of a pencil in the center of the spinner and spins the paper clip.
    - ✦ The player moves forward to the next colored-space indicated by the spinner.
    - ✦ If a player lands on a street sign, he must do the following:
      - U-turn: Go back to the start.
      - Stop: Miss a turn.
      - Yield: Switch places with another player.
    - ✦ Extension: Discuss the meaning of the road signs when posted on a road.
      - U-turn: The turning of a vehicle in a U-shaped course to travel in the opposite direction.
      - Stop: Drivers must come to a complete stop and make sure the intersection or railroad crossing is clear of pedestrians and vehicles before continuing.
      - Yield: Drivers must slow down and yield their right to other vehicles and pedestrians approaching from different directions.
    - ✦ Players alternate turns.
    - ✦ The first player to reach the finish wins.
      - ✦ Extension:
        - Players must identify the letter on the space where they land.
        - Players must say the sound of the letter on the space where they land.
        - Players must say a word beginning with the letter on the space where they land.

## Math:

- ❖ Have the child practice number word recognition.
  - Gather five water bottles.
  - Write the numerals 15 and 16 on two of the water bottle lids. (Use dry erase marker so the numerals can be changed.)
  - Write the number words fifteen and sixteen on the water bottles.
  - Write three other numerals and corresponding number words on the other three lids and bottles.
  - Randomly arrange the lids and the bottles in front of the child.
  - Have him select a lid and twist it on the matching water bottle.
  - After he can correctly identify all of the numerals and number words, erase the numerals and words.
  - Write other numerals and number words on the lids and bottles.
  - Repeat the activity.
  - ✦ Challenge: Use ten water bottles and lids.

- ❖ Show the child how to measure the length of an object.
  - Have the child measure objects using color cubes. (If you do not have color cubes, cut out the squares on the bottom of worksheet 93a.)
    - ✦ Place cubes side-by-side along the length of an object.






- ✦ Have the child count the number of cubes. (*six*)
  - Have the child measure objects of different sizes using another non-standard unit of measurement like graham crackers, paper clips, or craft sticks.
- ❖ Worksheet 93a, part A: Have the child measure each road using one-inch color cubes. Remind the child that the cubes must be placed at the beginning of the road, without spaces between the cubes.
  - Road 1: 4 cubes
  - Road 2: 6 cubes
  - Road 3: 3 cubes
  - Road 4: 7 cubes
  - ✦ Since each color cube is one inch long, the road lengths can also be stated using inches.
    - Road 1: 4 inches
    - Road 2: 6 inches
    - Road 3: 3 inches
    - Road 4: 7 inches
- ❖ Worksheet 93a, part B: Have the child trace the path each construction vehicle drives around the cones. Then have him count the cones.

## Art:

- ❖ Have the child make digger tracks.
  - Mix brown liquid watercolor paint, shaving cream, and liquid white glue to make puff paint.
  - Drop several blobs onto a sheet of construction paper.
  - Have the child push a plastic, toy digger through the paint creating tire tracks.
  - Have the child lower the digger attachment and create additional tracks.

name \_\_\_\_\_



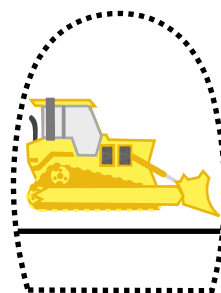
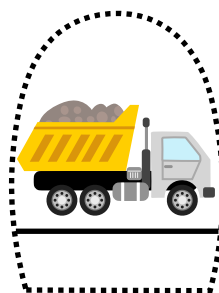
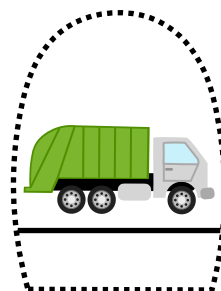
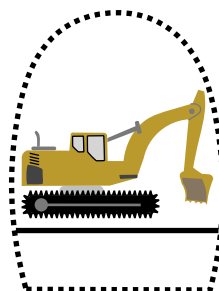
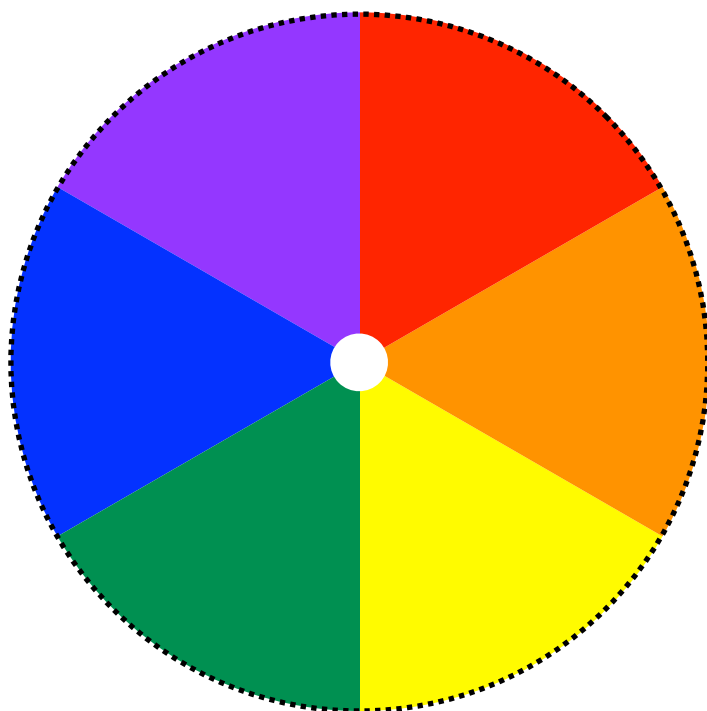
start finish	a	b	c	d	e
z					f
y			h	g	
	x			i	
	w	j	k	l	
u	v				m
t					n
s	r	q		p	o

### Game Preparation:

- Cut out the spinner and game pieces on the dotted lines.
- To make each game piece stand, fold on the solid line.
  - \* A small paper clip may be clipped to the base for support.

### Game Instructions:

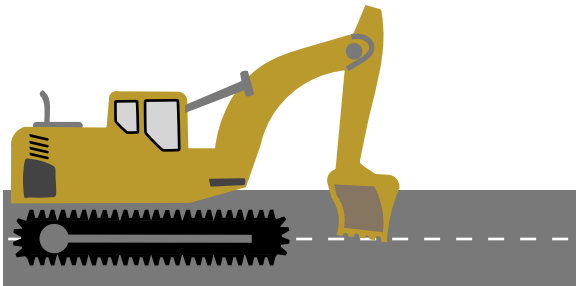
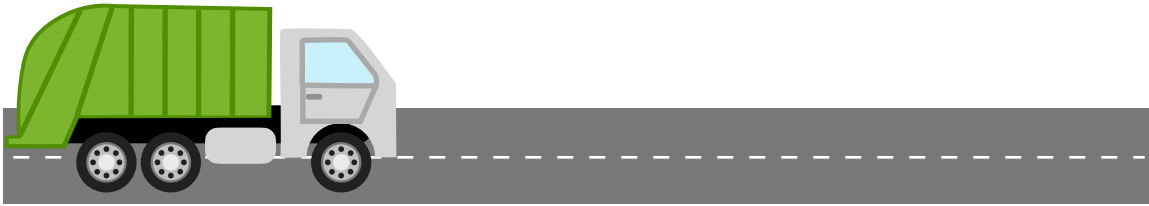
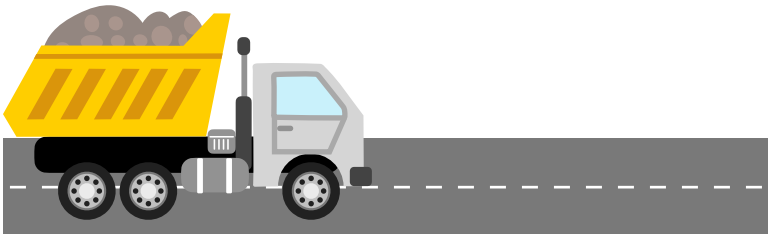
- Each player chooses a game piece and places it at the start.
- Player one holds a paper clip with the tip of a pencil in the center of the spinner and spins the paper clip.
- The player moves forward to the next colored-space indicated by the spinner.
- If a player lands on a street sign, he must do the following:
  - U-turn: Go back to the start.
  - Stop: Miss a turn.
  - Yield: Switch places with another player.
- Players alternate turns.
- The first player to reach the finish wins.
  - \* Extension:
    - Players must identify the letter on the space where they land.
    - Players must say the sound of the letter on the space where they land.
    - Players must say a word beginning with the letter on the space where they land.



name \_\_\_\_\_



Part A: Measure each road.



Part B: Trace the path each construction vehicle drives around the cones. Count the cones.

