

Transportation Creation

prep time = 15 minutes + collecting items
activity time = 45 minutes
Colorado Math Standard 4.1

CASAS Competencies:

7.1.3 – Demonstrate personal responsibility and motivation in accomplishing goals

7.2.6 – Generate ideas using divergent and convergent approaches, and also through creative imagination

7.3.2 – Devise and implement a solution to an identified problem

CCAs: no specific CCAs

Skills for Children:

Fine motor skills (folding, manipulating, cutting, stapling, coloring)

Vocabulary development (action verbs, found objects, types of transportation)

Problem solving

Supplies Needed:

1. found objects (milk cartons, egg cartons, cereal boxes, juice lids, toilet paper rolls, etc.)
2. pipe cleaners
3. construction paper, glue, scissors, staplers, brass fasteners, tape
4. newspapers to cover the table and make clean-up easier
5. markers, crayons, paint (if brave)
6. chart paper for recording verbs used in activity
7. markers stationed near the chart paper
8. bilingual or regular dictionaries for looking up verbs

Vocabulary:

Names of found objects (egg carton, juice lid, etc.)

Names of tools (scissors, staplers, pipe cleaners, glue, etc.)

A variety of verbs: fold, cut, paste, bend, tear, flatten, straighten, staple, glue, fasten, tape

Types of transportation (car, truck, rocket ship, airplane)

Teacher Instructions:

- This project will use a considerable amount of space. It should not be placed near book or food activities.
- Make certain that newspapers are placed under the materials to assist in clean-up.
- Pile the found objects near the center of the tables.
- Explain the purpose is to create some type of model transportation using the found materials and tools.
- Explain that as families create their vehicles, they should record the actions (verbs) used in the creation. Make it a challenge to see how many different verbs get used.
- Families DO NOT need to create just one vehicle. Individuals can contribute to a group one or make their own.

This project works best if families and staff are asked to collect and bring in items in advance. Large, clean garbage bags can hold the items and keep up the mystery.