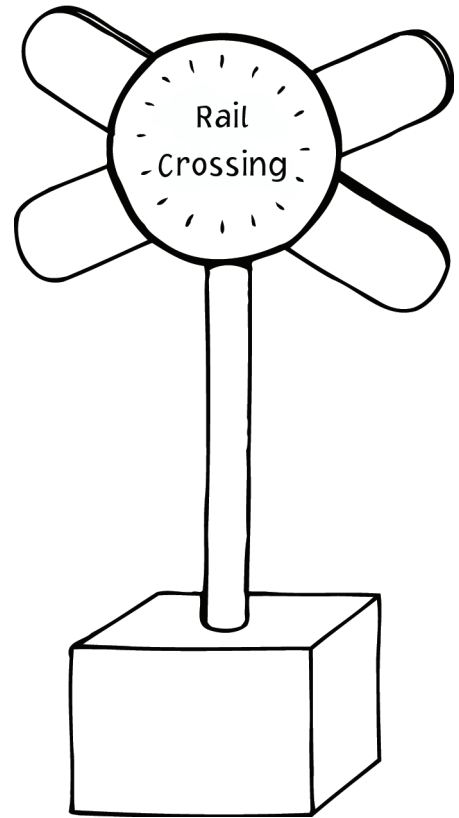

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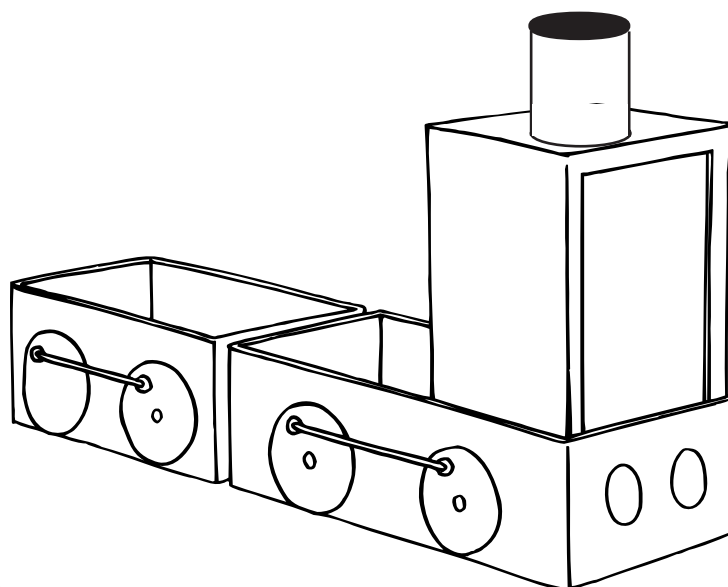
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Train Engine

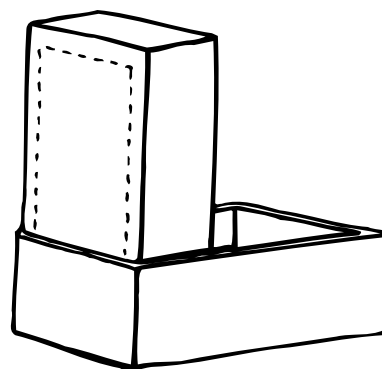


Materials:

Two small appliance boxes (boxes should be the same size), cylindrical box or tin, cotton string, white tissue paper, masking tape, tempera paint (in assorted colours), shallow tins (for paint), paintbrushes, paint rollers and sponges, sharp instrument for cutting cardboard (for adult use only)

Directions:

1. Remove one side of each of the small appliance boxes and tape the open ends closed.
2. Place one box upright inside the other box, with the open side facing inward.
3. Cut a large window in the front of the upright box.
4. For the smoke stack, glue a cylindrical container on top of the upright box.
5. Poke two holes in the back end of the engine. This is where the train carriages will be attached.
6. Have the children paint the engine.
7. Once the engine has dried, paint on wheels and headlights.
8. Stuff white tissue paper in the stack for smoke.



Options:

- Wheels and headlights can be cut from construction paper and glued to the engine.
- Train tracks can be made on the floor with masking or electrical tape.

Train Carriages

Materials:

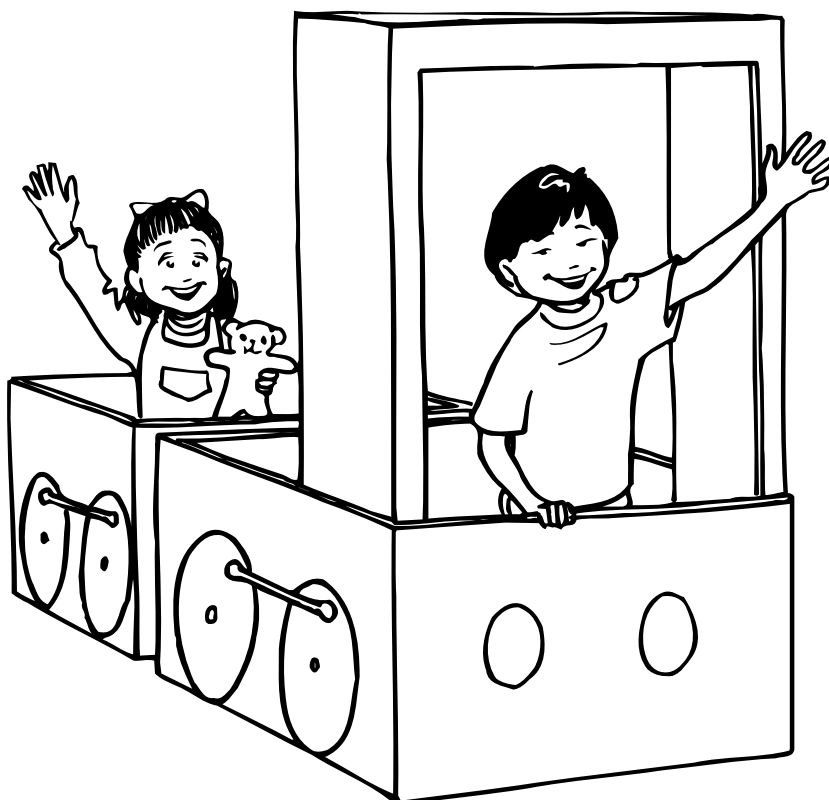
Computer paper boxes or small appliance boxes (one per train carriage), lightweight paper plates (four per train carriage), cotton string, paper fasteners, masking tape, tempera paint (in assorted colours), shallow tins (for paint), paintbrushes, paint rollers and sponges

Directions:

1. Poke two holes on both sides of each computer paper box. This is where the wheels will be attached.
2. Poke two holes on both ends of each box. This is where the carriages will be tied together.
3. Have the children paint the boxes and paper plates. The plates will become the wheels.
4. Provide paper fasteners for the children to use to attach the wheels to the carriages. (Make sure the fasteners open on the outside of the box. Otherwise, they might poke children who are playing in the box.)
5. Tie the carriages together with string.
6. Attach the carriages to the engine.

Options:

- Train carriages can be left unattached.
- Stuffed animals, dolls and toys can ride the train carriages.



Coal Truck

Materials:

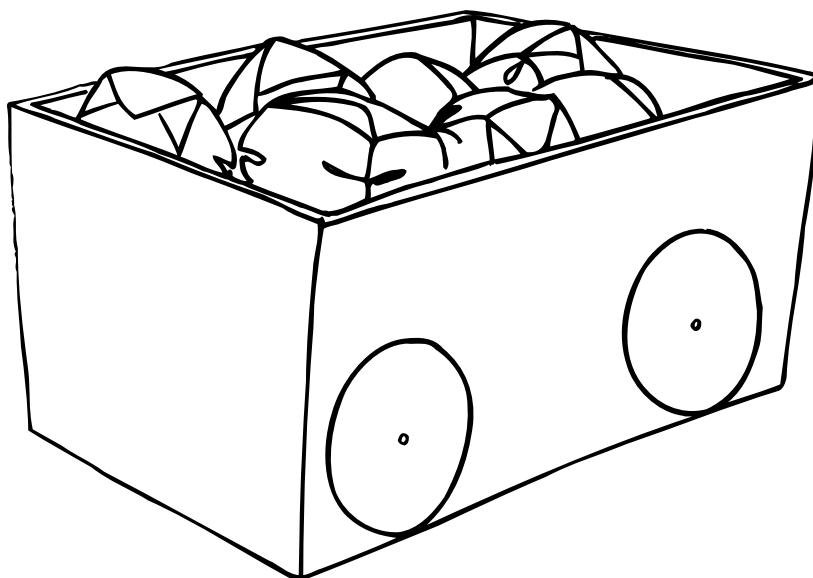
Computer paper box, four light-weight paper plates, cotton string, four paper fasteners, tempera paint (black), shallow tins (for paint), paintbrushes, paint rollers and sponges, lunch-size paper bags, masking tape, shredded newspaper, wool or string

Directions:

1. Poke two holes on both sides of the computer paper box. This is where the wheels will be attached.
2. Poke two holes on both ends of the box.
3. Have the children paint the box and paper plates black. The plates will become the wheels.
4. Provide paper fasteners for the children to use to attach the wheels to the truck.
5. Stuff the lunch-size paper bags with shredded newspaper and tie the necks closed or use tape to seal them closed.
6. Have the children paint the bags black.
7. Once the lunch bags are dry, fill the coal truck with the 'coal'.
8. Attach the coal truck in between the last passenger carriage and the caboose.

Option:

- Box lids can be used as freight carriages.



Book Link:

- *Freight Train* by Donald Crews

Caboose

Materials:

Refrigerator box (one end should be intact and the other should be open), smaller box (approx. 500 centimetres high), flat piece of cardboard, cardboard cylinder, four large paper plates, clear cellophane, wool, tempera paint (red and black), shallow tins (for paint), paintbrushes or rollers, long paper fasteners, scissors, glue, masking tape, sharp instrument for cutting (for adult use only)

Directions:

1. Lay the large box on its side and cut two windows and two large openings on each side.
2. Cut a square opening in the top of the box, just smaller than the smaller cardboard box.
3. Cut a window on two sides of the smaller box.
4. Punch two aligned holes at each corner of the opening in the top of the refrigerator box and in the smaller box.
5. From the flat section of cardboard, cut a fence slightly wider than the open end of the large box.
6. Punch two holes in each end of the fence.
7. Hold the fence to the caboose's open end and punch two holes in both sides of the box. Align with the fence.
8. Cut four sections of clear cellophane paper just larger than the windows in the large box.
9. Children paint the sides of the large box and the entire small box red.
10. Let the children paint the fence, the top of the large box, the four plates and the cylinder black.
11. Once the paint is dry, attach the small box to the caboose by tying wool through the holes.
12. Use paper fasteners from inside the box to attach the wheels, and attach the fence to the caboose with paper fasteners.
13. Glue the cylinder smoke stack to the caboose's top.
14. Children can use masking tape to attach the clear cellophane to the inside of the caboose for windows.

Option:

- Provide sleeping bags, small chairs and cooking utensils for children to use in the engineer's living quarters.

