



Roseville Utility Exploration Center

EXPLORE IT!

BIG
TRUCKS
SUMMER

Build a Toilet Paper Truck

Create fun toys from toilet paper, paper towels or gift wrap cardboard tubes instead of throwing them away. Add extras to make your truck similar to our trucks: a vactor hose, a sprayer, a dumping bed or a robot trash can arm. Share your activity on social media using the hashtag #BIGTRUCKSSUMMER2020.

Materials List

1. 2 empty toilet paper or other cardboard tubes
2. Tape, glue, ruler and scissors
3. Greeting card or cardstock 5" x 6"
4. 4 plastic bottle caps
5. Colored markers or paints and paintbrush
6. 1 pipe cleaner or piece of cord
7. 1 straw or 6" drip irrigation spaghetti line

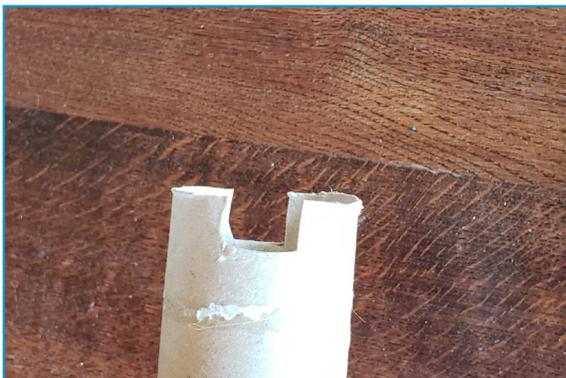


Vactor trucks help our **Wastewater Utility** unclog sewer lines by using a powerful water line and a vacuum hose to clear blockages.

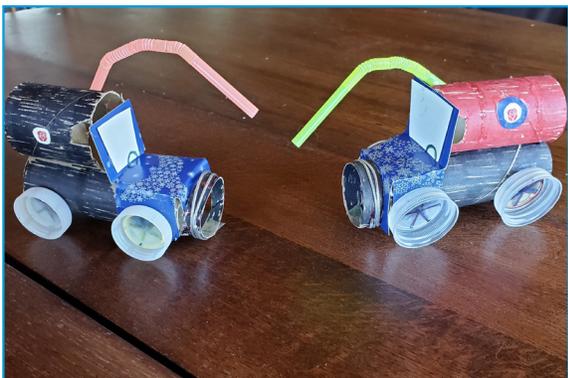
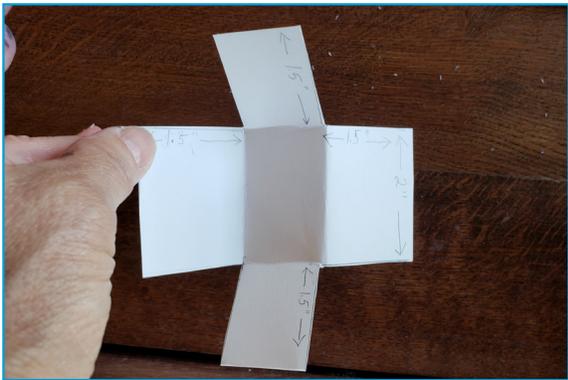
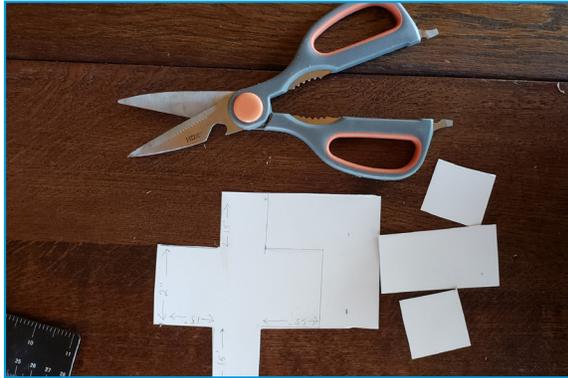
Instructions

1. Set one toilet paper (TP) tube aside to be painted in step 4.
2. For second tube: cut $\frac{1}{2}$ " circle from one end and reshape into a circle. Cut 3" section from remainder of tube and discard extra. Cut 2 indentations $\frac{1}{2}$ " deep and $\frac{1}{2}$ " long on one end of 3" tube to represent truck windows.

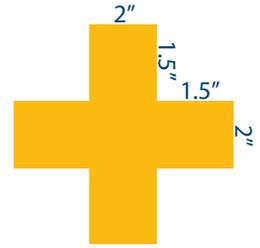
See other side



Build a Toilet Paper Truck



Instructions *continued*



3. Color/paint tubes and ½" circle piece.
4. Measure and cut cross pattern on card stock. Cut an extra piece to make a windshield.
5. Bend cardstock cross to fit as an engine cover.
6. Glue tubes together with the shorter tube on top. Glue windshield to card stock cross and glue card stock cross to tubes. Glue ½" circle to front of engine. Glue on wheels and let dry.
7. Cut straw to desired length and glue to truck. Place end of straw over back tire so that straw is rising above truck and glue at all tube contact points. Add emblem or decoration to truck.



Table Talk

1. What do you think causes clogs in the sewer?
2. What would be the best part of operating a vector truck?



Wastewater Utility Vector Truck