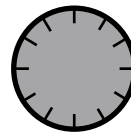


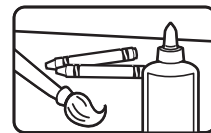
# BULLDOZER CRAFT

## YOU WILL NEED:

- 2 toilet-paper tubes (TP Tubes)
- Cereal box or some cardboard
- 1 or 2 straws
- Tape



1 HOUR



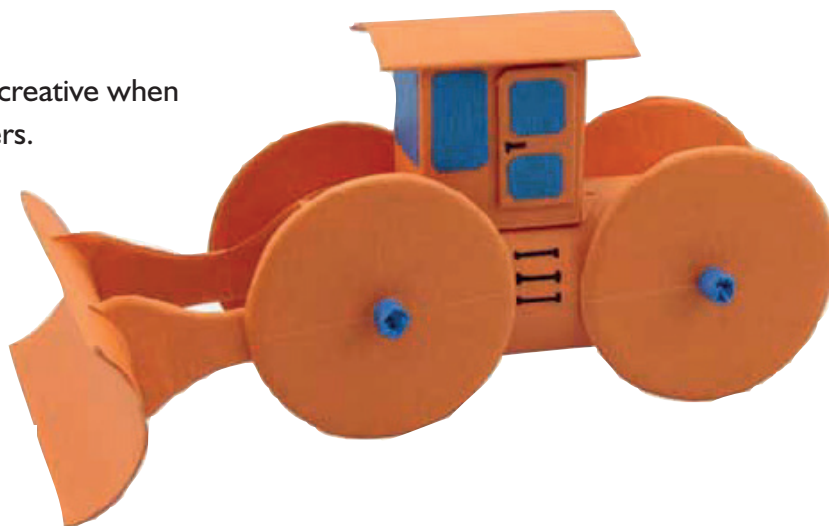
CREATIVE

AGE 7+

## GETTING STARTED

Always use your imagination and be creative when building these kids crafts or any others.

It's your creation, so be inventive when looking for building supplies, you just may be surprised!



When building your project, experiment with new and different ways of putting it together.

**The most important thing is to have fun!**

## I. MAKE YOUR BULLDOZER BLADE!

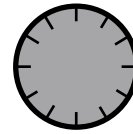
Simply cut one of your TP tubes in half the long way. You can cut it down a little more so that it is about 1/3. You can even cut the edges at an angle a little bit to make it even cooler.



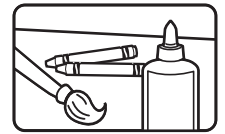
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1 HOUR



CREATIVE

AGE 7+

## 2. MAKE YOUR BULLDOZER ARMS!

Next you can make the arms that will hold your bulldozer blade. Stand your blade up on to a piece of cardboard and trace out its circular profile. Then draw out your arm design. Make it about three to four inches long. Cut it out and trace it onto another piece of cardboard. Then cut that one out. This way both of your arms will be the same. Next make a hole on each arm so that they can slide freely onto your axle straw.



## 3. ADD THE AXLE HOLES

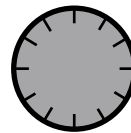
Now make four holes onto your other TP tube. You will want to make them as level to each other and as evenly spaced as possible. These holes need to be slightly bigger than your straws.



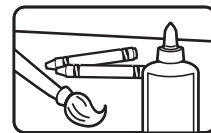
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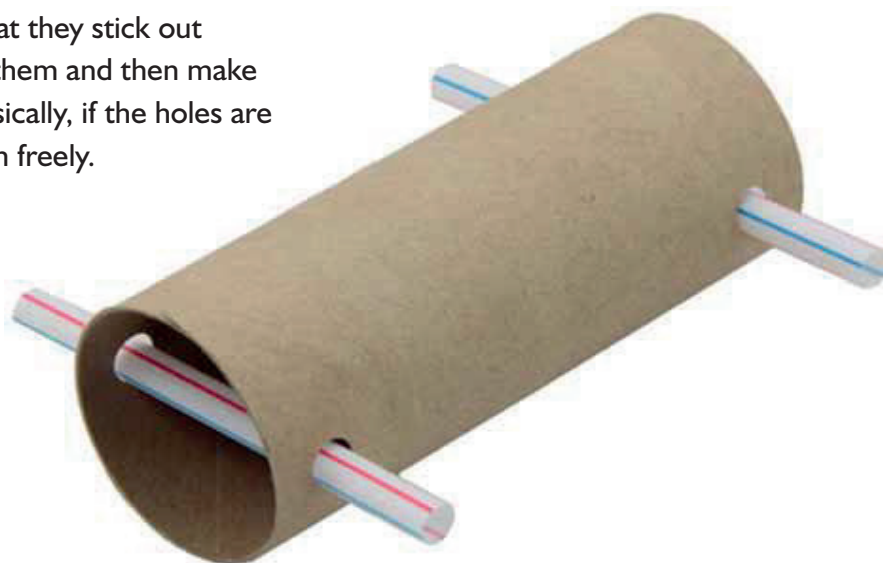


CREATIVE

AGE 7+

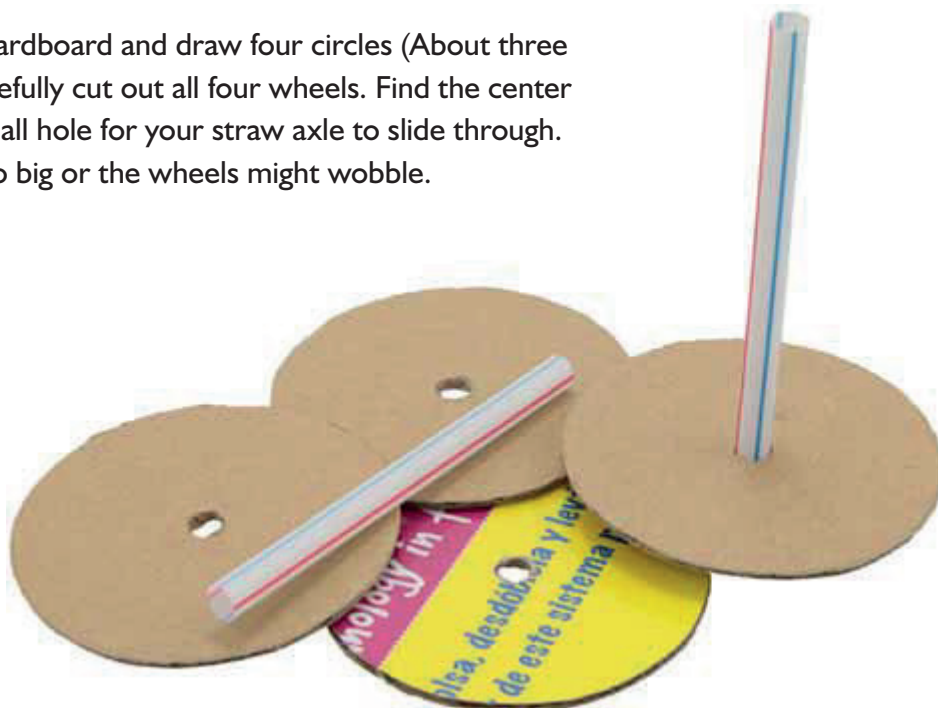
## 4. ADD YOUR AXLES

Cut out pieces of two straws so that they stick out about an inch on each side. Insert them and then make a few adjustments to the holes. Basically, if the holes are a little bigger the straws would turn freely.



## 5. MAKE YOUR WHEELS!

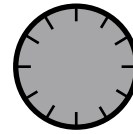
Take an old box or piece of cardboard and draw four circles (About three inches in diameter). Then carefully cut out all four wheels. Find the center of each wheel and make a small hole for your straw axle to slide through. Try not to make the holes too big or the wheels might wobble.



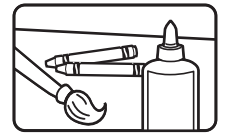
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1 HOUR



CREATIVE

AGE 7+

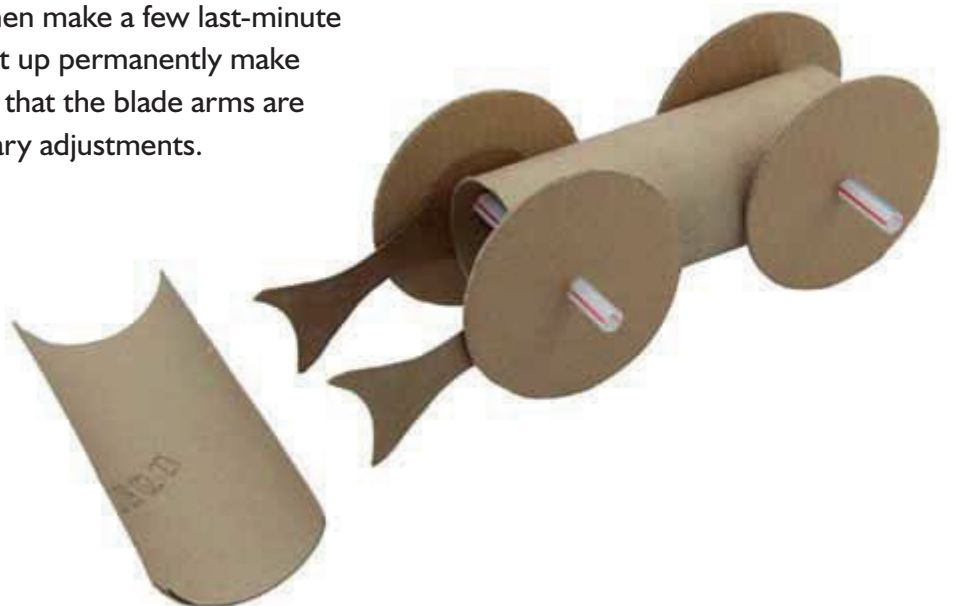
## 6. START TO ASSEMBLE YOUR BULLDOZER

Start to assemble your bulldozer by installing the back axle straw then slide your rear wheels onto it. You may want to add a little tape to hold your wheels on if they're loose. Then place your front axle straw in and slide both of your bulldozer arm onto it, one on each side.



## 7. ADD YOUR WHEELS!

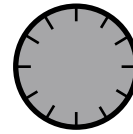
Now install your front wheels. At this point roll your bulldozer around a little and then make a few last-minute adjustments. Before you tape it up permanently make sure your wheels can turn and that the blade arms are loose. If not, make the necessary adjustments.



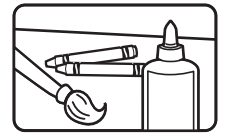
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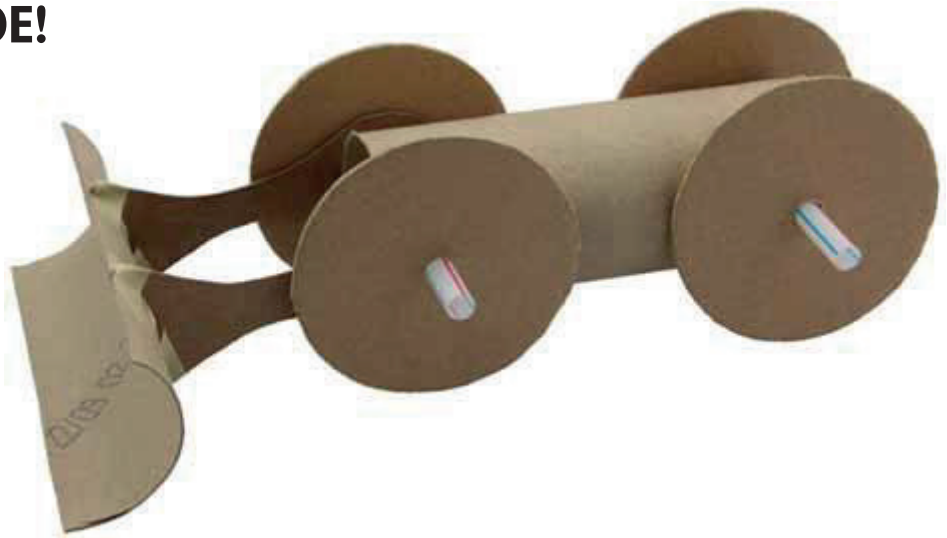


CREATIVE

AGE 7+

## 8. ATTACH YOUR BLADE!

All that's left is to attach your front bulldozer blade to both of the arms. Find a position that you like and tape it on. VOILÀ - a TP Bulldozer! You can start rolling it around or dress it up. The sky's the limit!



## 9. DRESS UP YOUR TP BULLDOZER!

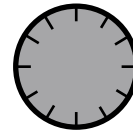
Now comes the favorite part of every project...dressing it up! Use some yellow masking tape. If you don't have or can't get some yellow tape, try using regular masking tape and color it with a permanent marker. Disassemble all the pieces and carefully cover everything with the yellow tape.



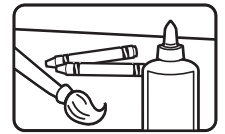
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1 HOUR



CREATIVE

AGE 7+

## 10. REASSEMBLE YOUR BULLDOZER!

After you are happy with the way all the parts look, reassemble the Bulldozer. It looks really cool! But it still needed something.  
A cabin!



## II. BUILD YOUR CABIN!

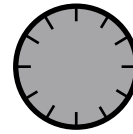
Carefully cut out four pieces of cardboard to form its four sides. Take the scrap piece of TP tube that was left over from making the Bulldozer blade and use it for the roof. After playing around a little with its shape a little, and making some necessary adjustments to it, permanently tape it up and cover it with some yellow tape.



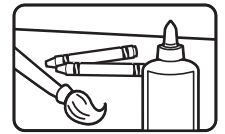
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1 HOUR



CREATIVE

AGE 7+

## I2. MAKE YOUR WINDOWS!

To make the windows for the cabin, carefully cut them out of some blue / black masking tape. You could draw them using a colored marker if you like. For the door, cut out a piece of scrap cardboard and cover it with tape. Add some windows and draw in a little handle and attached it to the cabin.

LOOKS REALLY COOL!



## I3. ADD EXTRAS!

Tape the cabin on, draw in a few steps so that the bulldozer operator would be able to climb up to the cabin. Add your JCB logo and also add a little blue/black tape to the ends of the axle straws for the finishing touch and Voila! Your TP Bulldozer is ready to start bulldozing stuff around the house!

