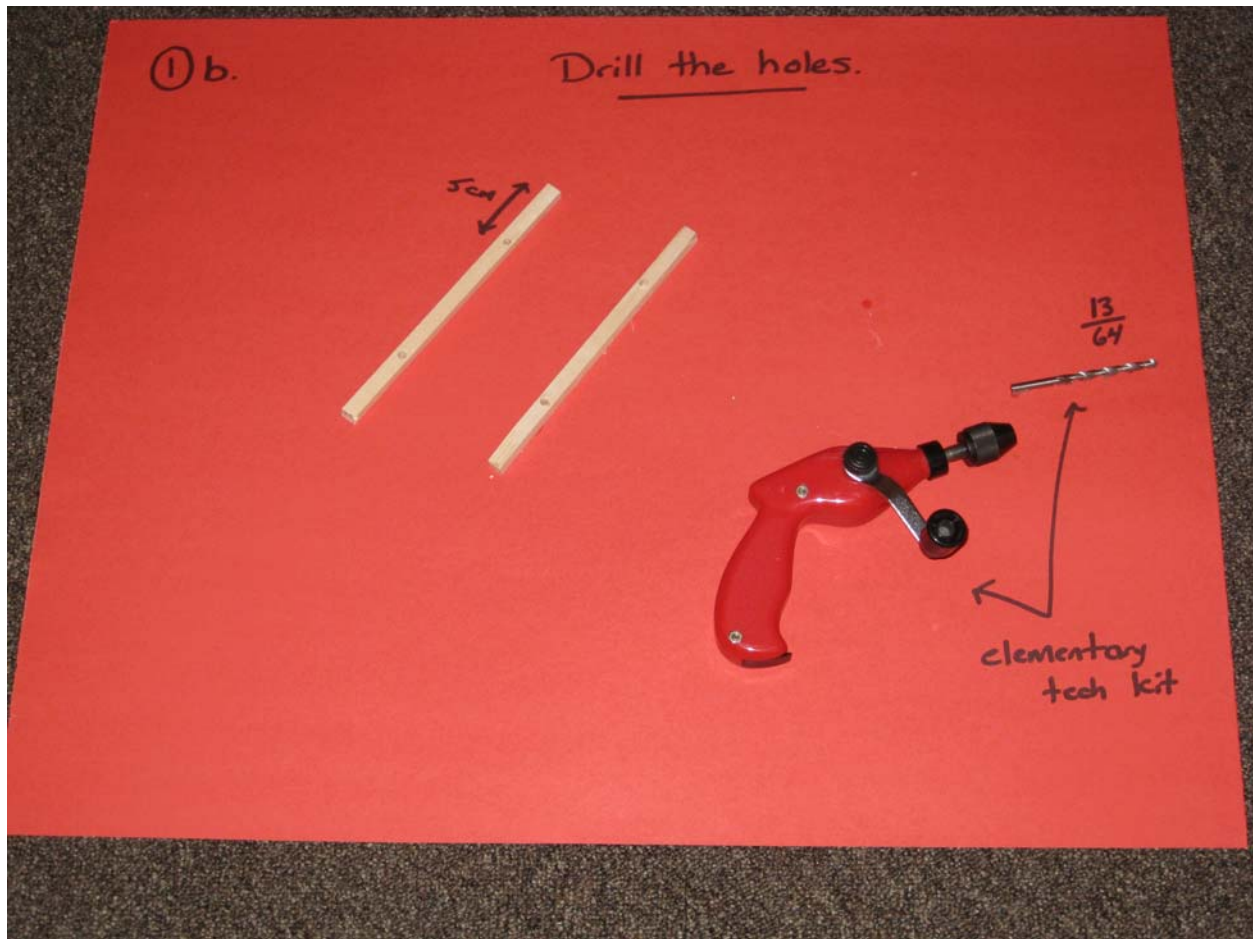
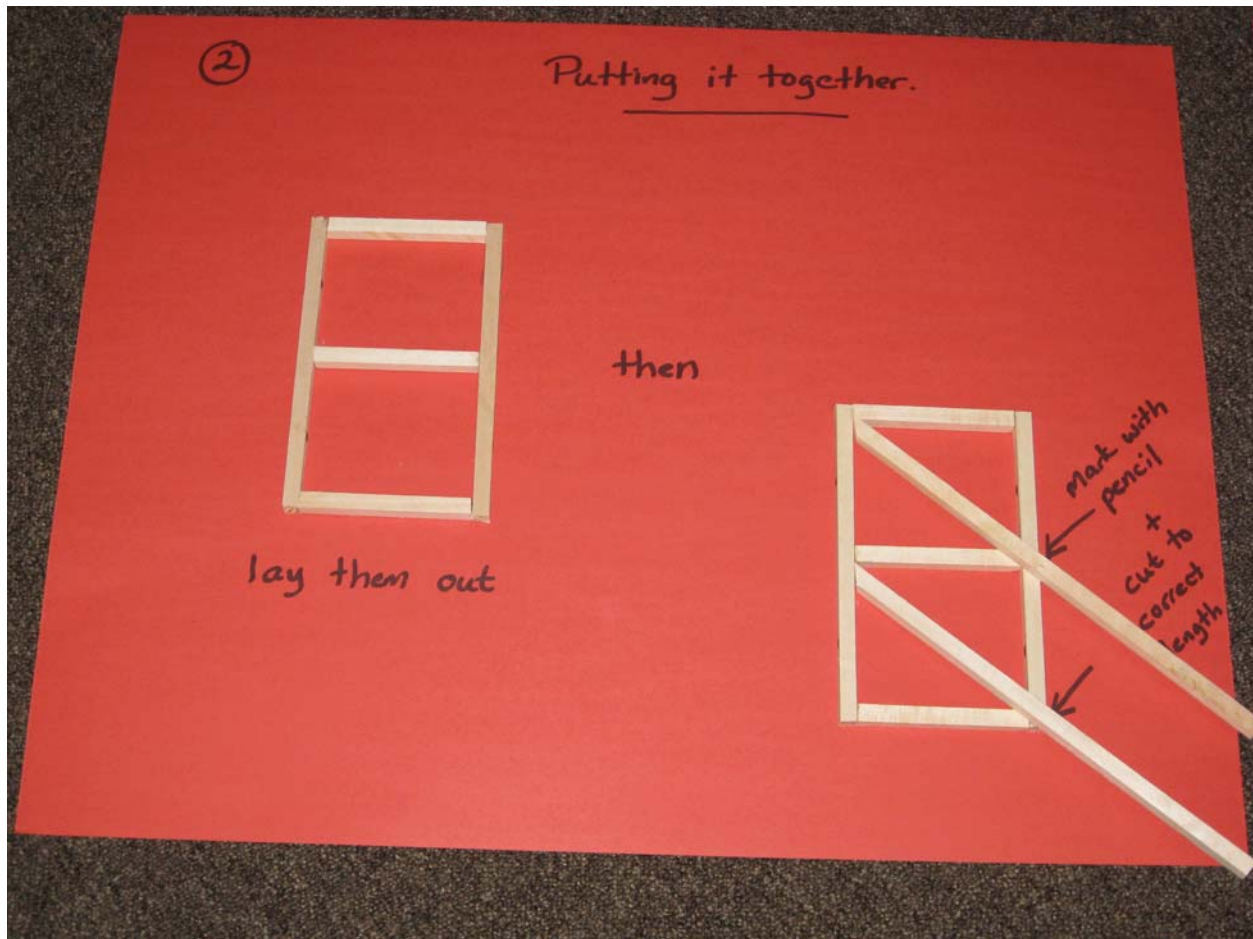


For each vehicle frame you will need:

- 2 pieces of the 1cm x 1cm jink wood cut 20cm lon
- 3 pieces of the 1cm x 1cm jink wood cut 10cm long
- 4 pieces of dowelling cut 5cm long
- 2 pieces of the 1cm x 1cm jinx wood left long but one end but with a 45 degree angle (the red trimmers can do this easily)
- 4 large slab wheels
- 4 small wheels



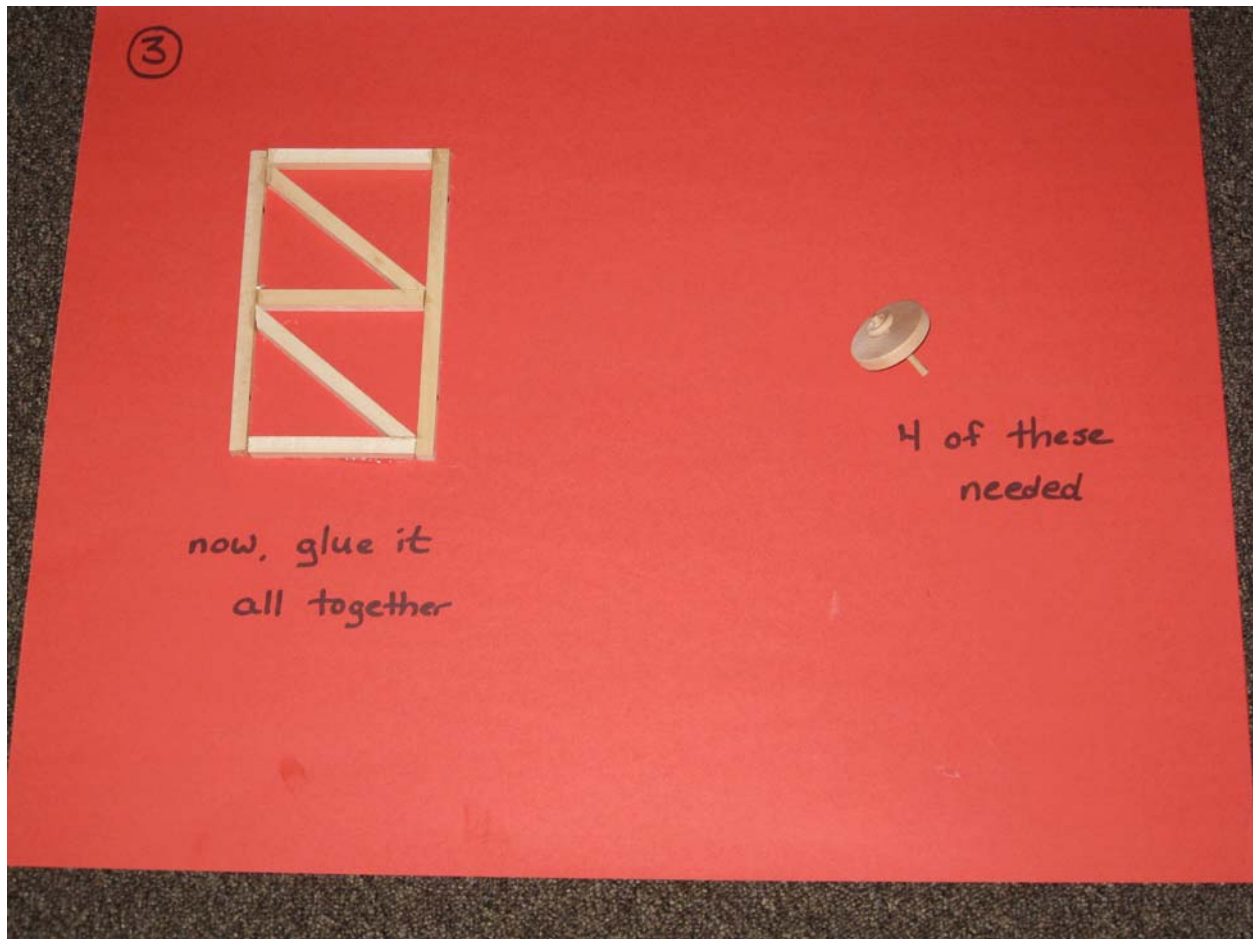
Use the hand drill with a $\frac{13}{64}$ drill bit (you'll see this engraved on the side of the drill bit) to drill holes 5cm from each end of each piece of 20cm cut jinx wood.



Lay the 20cm and 10cm pieces of jinx wood together with right angles wherever the pieces meet.

Lay the pieces of jinx wood with the 45 degree angles over the others so that you can mark where the piece should be cut to fit in the opposite corners.

Use the red trimmers to cut the 45 degree angles where you've marked.



3



4 of these
needed

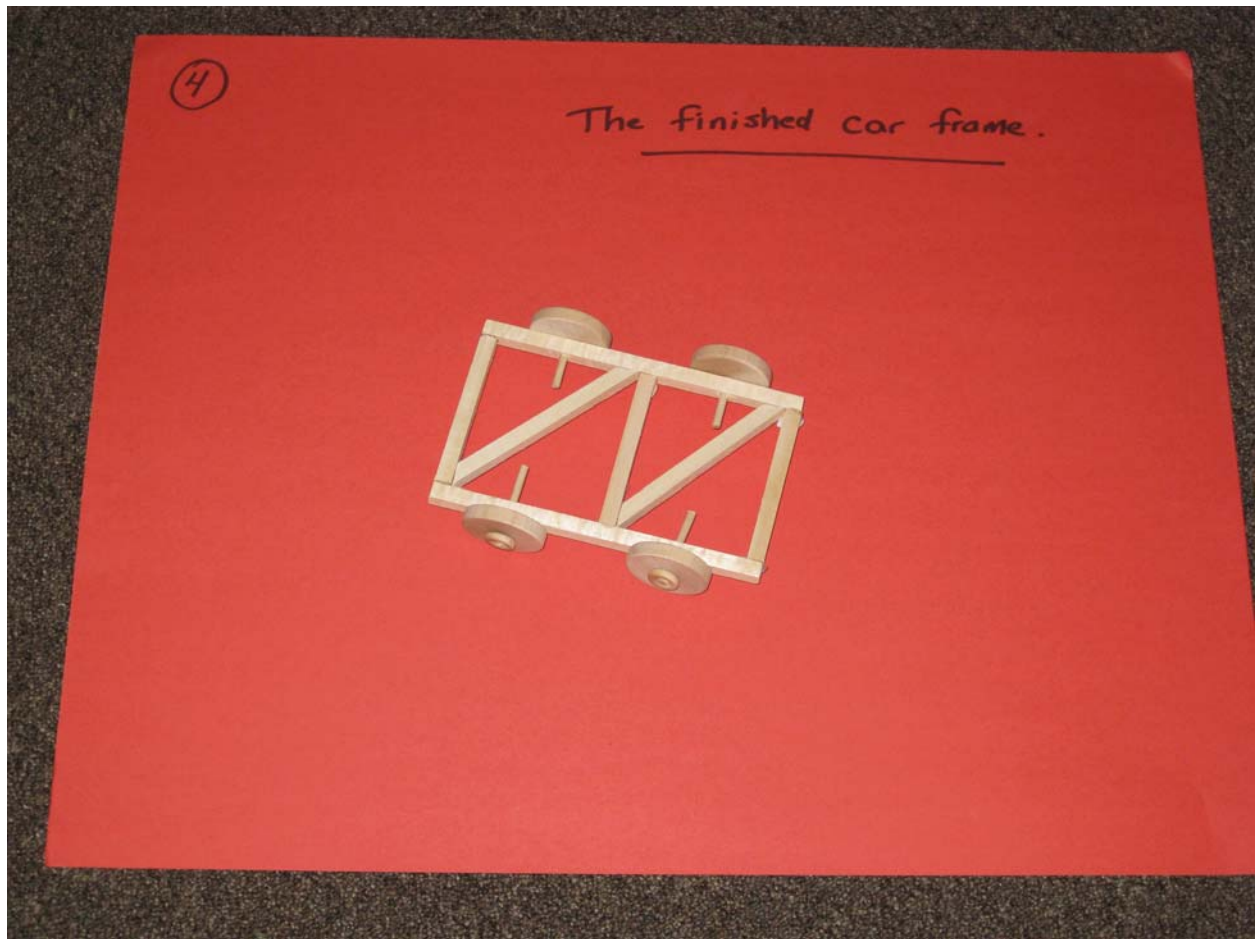
now, glue it
all together

Use other hot glue or wood glue to glue all the jinx wood together.

** if you use wood glue, you'll have to leave it to dry for a while

Insert a 5cm piece of dowelling through the hole of each large slab wheel.

The small wheels can be slid over the end to hold it in place. (sometimes it's a tight fit and you may need to tap them on with a hammer)



Put the wheels on by sliding the dowelling through the drilled holes in the jinx wood.

This is the finished vehicle frame!

Students can then add on to individualize it, etc.