



## QUICK REFERENCE

<b>SKILL LEVEL</b>	10yrs + (quite easy)
<b>EQUIPMENT</b>	GLUE GUN, MARKER, CRAFT KINIFE
<b>TIME</b>	1 hour

## Formula 1 racing car

## INSTRUCTIONS TAKE THE CHEQUERED FLAG

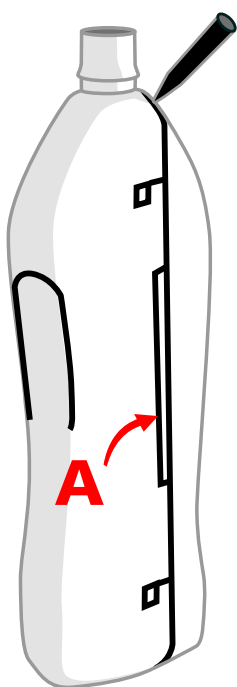
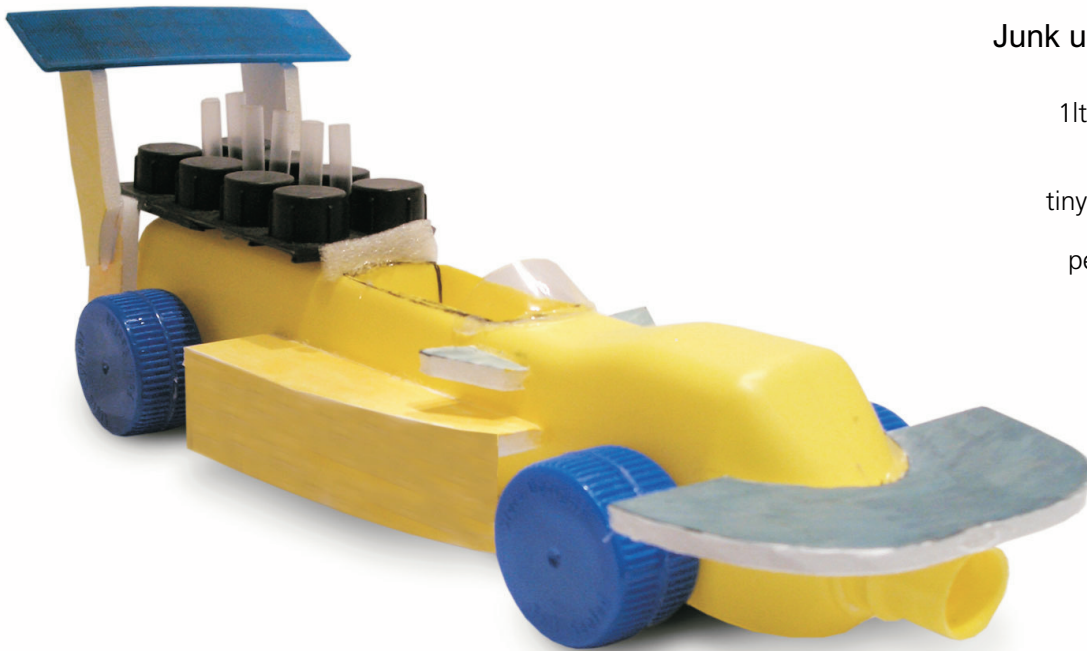
Building stuff from junk is not an exact science, it is always a creative experiment. Finding a way to solve problems and create what you want is all part of the fun. Because everyone will have different junk, these instructions are only meant as a guide. Use your imagination, let your kids find ways of using things. This

is quite a simple model but you should mark out and cut and drill the body and the wheels. The basic model is shown here but you can spray in the livery of your choice.

**Remember a glue gun is very hot and children should not use it unsupervised as the hot melted glue can cause nasty burns.**

### Junk used to make this model

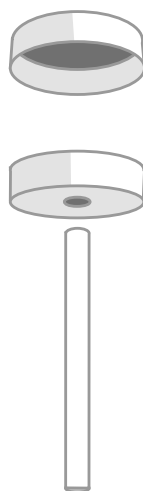
- kitchen cream cleaner bottle
- 1ltr or 2ltr milk poly-bottle caps
- piece of cardboard
- drinking straws
- tiny piece of packing foam sheet
- piece of clear plastic bottle
- pen caps or chocolate box tray



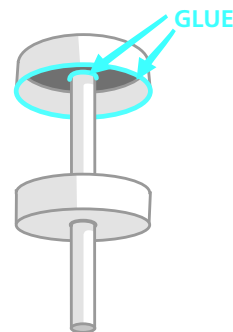
1. TO MAKE THE FORMULA 1 CAR YOU WILL NEED A CREAM CLEANER BOTTLE. CAREFULLY MARK THE CUT LINES, MAKING SURE THAT THE AXEL HOLES ARE IN LINE SO THAT THE AXELS WILL BE AT RIGHT ANGLES TO THE BOTTLE'S LONG AXIS AND WILL BE PARALLEL. MARK A SLOT, **A** AS DEEP AS THE THICK CARD YOU ARE GOING TO USE.

2. CUT SQUARE HOLES OR DRILL HOLES FOR THE AXELS JUST A LITTLE BIT BIGGER THAN A DRINKING STRAW. CUT A SLIT AT THE BOTTOM OF EACH HOLE SO YOU CAN GET THE AXEL / WHEEL ASSEMBLIES IN.

3. ONLY CUT A **C** SHAPE FOR THE COCKPIT SO YOU CAN BEND THE BOTTLE DOWN TO MAKE THE SEAT BACK.

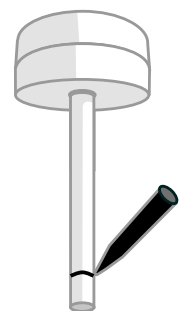


4. TO MAKE THE WHEELS YOU WILL NEED EIGHT, 1ltr OR 2ltr MILK POLY-BOTTLE CAPS. CUT SQUARE HOLES OR DRILL ONLY FOUR OF THE CAPS IN THE CENTRE



5. GLUE A STRAW ON TO THE UNDERSIDE OF THE UNDRILLED CAP, MAKING SURE THAT IT IS CENTRAL AND STRAIGHT.

WHEN THE GLUE HAS SET, PASS A DRILLED CAP OVER THE STRAW AND GLUE ROUND THE RIM



6. OFFER THE WHEEL UP TO THE CAR BODY AND MARK THE CORRECT LENGTH OF THE STRAW ALLOWING FOR THE OTHER WHEEL, CUT THE STRAW TO LENGTH AND REPEAT STEPS 4 AND 5 FOR THE OTHER WHEEL.

REPEAT FOR THE SECOND AXEL



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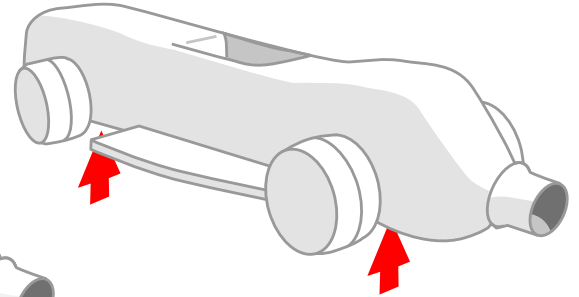
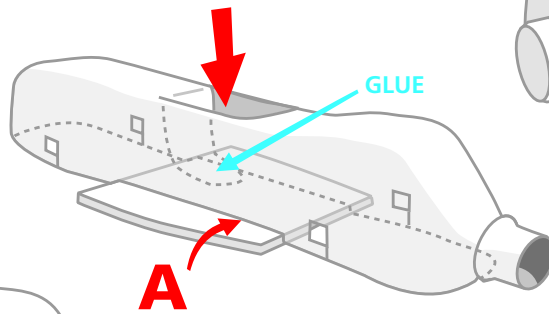
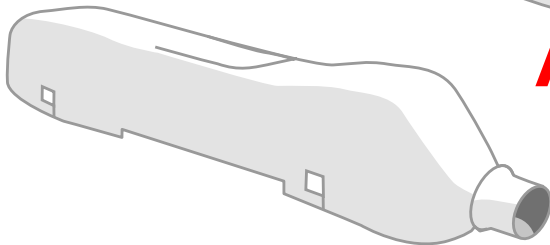
<b>SKILL LEVEL</b>	8yrs + (quite easy)
<b>EQUIPMENT</b>	GLUE GUN, MARKER, CRAFT KINIFE
<b>TIME</b>	1 hour

## Formula 1 racing car

## INSTRUCTIONS TAKE THE CHEQUERED FLAG

7. → CUT A PIECE OF THICK CARD TO FIT THE SLOT **A** AND FORM THE FLOOR OF THE CAR AND THE BOTTOM OF THE SIDE FUEL TANK BULGE.

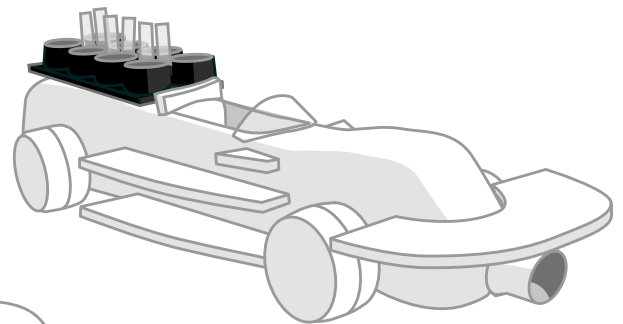
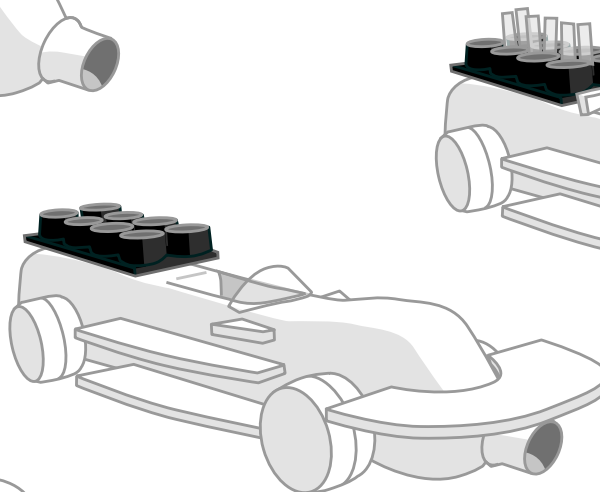
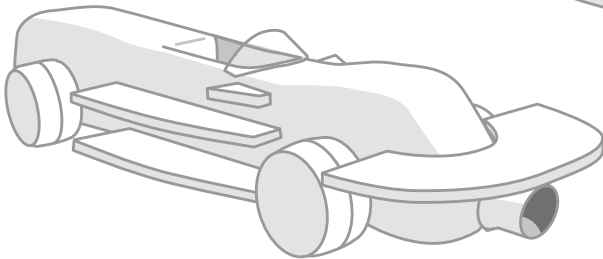
8. → FOLD DOWN THE COCKPIT FLAP AND GLUE TO THE FLOOR TO MAKE SEAT AND SEAT BACK.



9. ↑ SNAP FIT WHEEL AXLE ASSEMBLIES IN TO PLACE

10. ↓ CUT A PIECE OF THICK CARD TO MAKE THE FRONT SPOILER UPPER PARTS OF THE FUEL TANK SIDE BULGES AND WING MIRRORS AND GLUE IN TO PLACE.

11. ↓ CUT CRESCENT SHAPED WINDSHIELD FROM A PIECE OF CLEAR SODA BOTTLE AND GLUE ROUND COCKPIT FRONT.

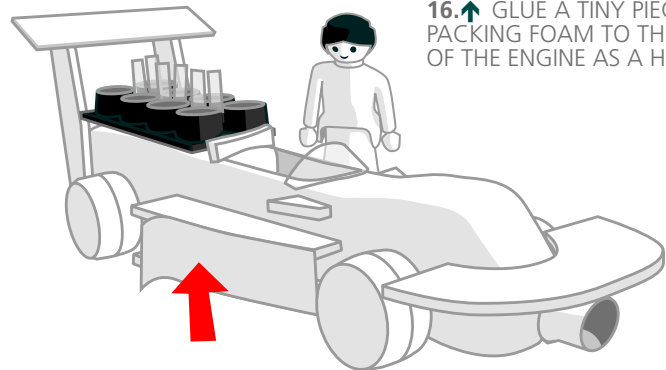


14. ← TO MAKE ENGINE, USE A PIECE OF CHOCOLATE SELECTION BOX, OR SOME OLD PEN CAPS STUCK ON A PIECE OF CARD MARKERED OR SPRAYED BLACK.

15. ↑ FOR THE EXHAUST PIPES, CUT 6 SHORT PIECES FROM SOME DRINKING STRAWS AND STICK IN TWO ROWS ON THE TOP OF THE ENGINE BLOCK.

16. ↑ GLUE A TINY PIECE OF PACKING FOAM TO THE FRONT OF THE ENGINE AS A HEAD REST

17. ↙ TO MAKE THE REAR SPOILER, CUT THICK CARDBOARD IN TO TWO IDENTICAL SHORT STRIPS AND ANGLE TOPS. GLUE TO SIDE OF BODY. NOTE: YOU MIGHT NEED A CARD SPACER, DEPENDING ON THE SIZE OF THE ENGINE PART.



18. ↑ CUT A RECTANGLE OF CARD TO MAKE THE REAR SPOILER AND GLUE ON TOP OF THE UPRIGHTS. GLUE A STRIP OF PAPER TO THE PIECES OF CARD ON THE TOP AND BOTTOM OF THE FUEL TANK BULGE TO COMPLETE. COLOUR THE CARDBOARD BITS, TAKE THE WHEELS OFF AND SPRAY THEM BLACK, IF YOU WANT A MORE AUTHENTIC LOOK. NOTE: THIS CAR FITS A STANDARD **PLAYMOBIL FIGURE**