

Challenge cards

CHECK-LIST

HOW MANY CAN YOU COMPLETE?

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | | 01 SPAGHETTI BRIDGE  | 02 CHANGING STATES  | 03 GEODESIC DOMES  |
| 04 MARBLE RUN  | 05 STRONG AS A DRINKING STRAW  | 06 ELECTRIC MOTOR  | 07 UNDERWATER VOLCANO  | 08 BUILD A CRUMPLE ZONE  | 09 COTTON REEL TANK  | 10 FLOATING PING-PONG BALLS  |
| 11 LIGHTS OUT  | 12 BALLOON KEBABS  | 13 CARDBOARD BOAT  | 14 MULTISHAPE  | 15 CARDBOARD CHAIR  | 16 DECODE A MESSAGE  | 17 CLEVER EGG BOX  |
| 18 LIQUID DENSITIES  | 19 EXPANDING GASES  | 20 TORNADO IN A BOTTLE  | 21 NON-NEWTONIAN FLUID  | 22 BRIGHT AS A NEW PENNY  | 23 GROW A PLANT IN A JAR  | 24 BOAT POWERED BY A CHEMICAL REACTION  |
| 25 LENZ'S LAW  | 26 CARTESIAN DIVER  | 27 INERTIAL EGGS  | 28 $100 + 100 = 192?$  | 29 MEASURE THE SPEED OF LIGHT  | 30 WEATHER BALLOON  | 31 FLOATING PAPERCLIP  |
| 32 BALLOON CAR RACE  | 33 DESIGN AND BUILD A HELICOPTER  | 34 WATER CLOCK  | 35 METAL ETCHING  | 36 FIRE EXTINGUISHER  | 37 SCARED PEPPER  | 38 JELLY AND OIL  |
| 39 DANCING RAISINS  | 40 A TOUGH NUT TO CRACK  | 41 BURNING CUSTARD  | 42 COPPER PLATING  | 43 BUILD A COMPASS  | 44 FINGER CALCULATOR  | 45 HOMEMADE WATER BOMB  |
| 46 HOW TO MAKE A LAVA LAMP  | 47 POTATO POWER!  | 48 IVORY SOAP  | 49 MAKE A PERISCOPE  | 50 COLOURED CARNATIONS  | 51 ATTRACTIVE NAILS  | 52 INVISIBLE INK  |