

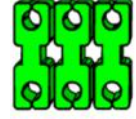

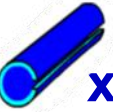
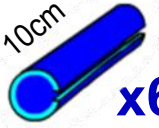


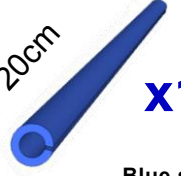
Structural Parts


Blue clip-connector (strip of 4) **x6**   *Can be cut up and used as single, double or triple blocks as well*

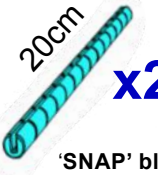
Green multi-block connector (strip of 3) **x5**   *Can be cut up and used as single or double blocks as well*

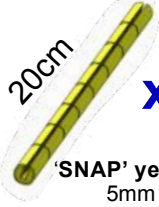
Blue slit rods 5mm dia. **x5** (8cm) 

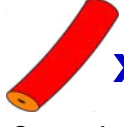
Blue slit rods 5mm dia. **x6** (10cm) 

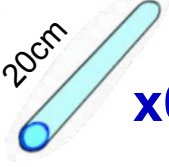
Blue slit rods 5mm dia. **x10** (20cm) 


Blue slit rods 5mm dia. **x4** (48cm) 


'SNAP' blue rod 5mm dia. **x2** (20cm) 

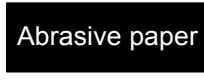
'SNAP' yellow rod 5mm dia. **x1** (20cm) 

Orange bendy tube (push fit on 2mm motor axles can cut up to use as a pulley) **x1** 


Light Blue tubes 5mm dia. (4mm ID) **x6** (20cm) 


Blue Collars for use with 5mm tubes and rods **x8** 

'Cap ends' for slit and snap rods **x4** 


Abrasive paper **x1**  Small piece of **abrasive paper** to round rod ends

Sheets

x1  **plastic sheet pp** 0.5mm x 70 x 180


x1  **A5 pattern holographic card** 115x 210mm

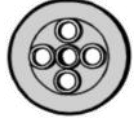
x1  **Making and Shaping Help Sheet**

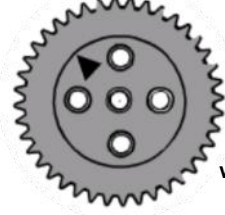
x1  **Plastic Bag**

Mechanical Parts


Holes in wheels are 4mm dia.


x3  **20mm** **20T bevel gear** (or pulley if two used)


x4  **28mm** **28mm dia. wheel, pulley or offset cam**


x8  **40mm** **40mm wheel / pulley or 40T gear**


Pulleys - to make pulley place two wheels 'face to face' and join together using 'grey snap rods'


x3  **4.5cm** **Long lasting pulley rubber band**

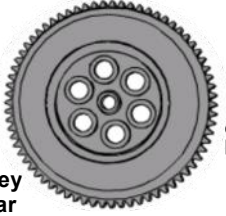
x3  **6.0cm** **Long lasting pulley rubber band**

x4  **20cm** **3.9mm dia tube** Wheels turn freely


x2  **16cm** **4mm dia 'SNAP rod'** "push fit" into wheels etc.


x12  **Grey rubber collars** to fit on grey 4mm tubes


x8  **Plated steel washers** with 4mm hole


x2  **70mm** **70mm wheel, pulley or 70T gear**


Electrical Parts

x2  **Small electric motor**

x2  **lens bulb**

x2  **bulb holder**

x2  **3 volt battery holder** (2 x AA) with switch **x2**

x2  **0.5metre wire**