

**Motorised vehicle design** Name(s).....

**Sketch your design (label the length and width of frame):**

A large, empty rectangular box with a thin black border, intended for a student to draw a sketch of a motorised vehicle. The box is positioned below the instruction text and occupies most of the page's width and height.

## List of parts needed (to be completed)

### Electrical parts

1 motor  
1 motor mount  
1 switch  
1 battery holder  
1 battery snap connector  
2 AA cells (not alkaline)  
3 crocodile leads

### Mechanical parts

Wooden pulley diameter:            cm

Card triangles quantity:

1 rubber band length:            cm

1 small motor pulley

Plastic drinking straws quantity:

Axles (specify lengths and quantity of each length – should be 4 cm more than the frame width):

Wheels (specify diameters and quantity of each diameter):

Square section wood (specify lengths and quantity of each length):