

Exoskeletons

In pairs, you are going to build a prototype exoskeleton to support an elbow joint. Your cardboard model represents the 'bones' in an arm, and the elastic band acts as the 'muscle' to help it move back to being bent after it is straightened.

- Cut out all the pieces.
- Fold along the dotted lines.
- Make holes for the split pin to act as a pivot point.
- Make holes to thread your thin elastic band through. This can be tied to the length needed to move the arm.
- Slot the numbered pieces together and attach the two halves at the pivot point.



