

## Print your own molecule!

Butterfly print your own fragment of a Graphene sheet by following the steps below.

You need:

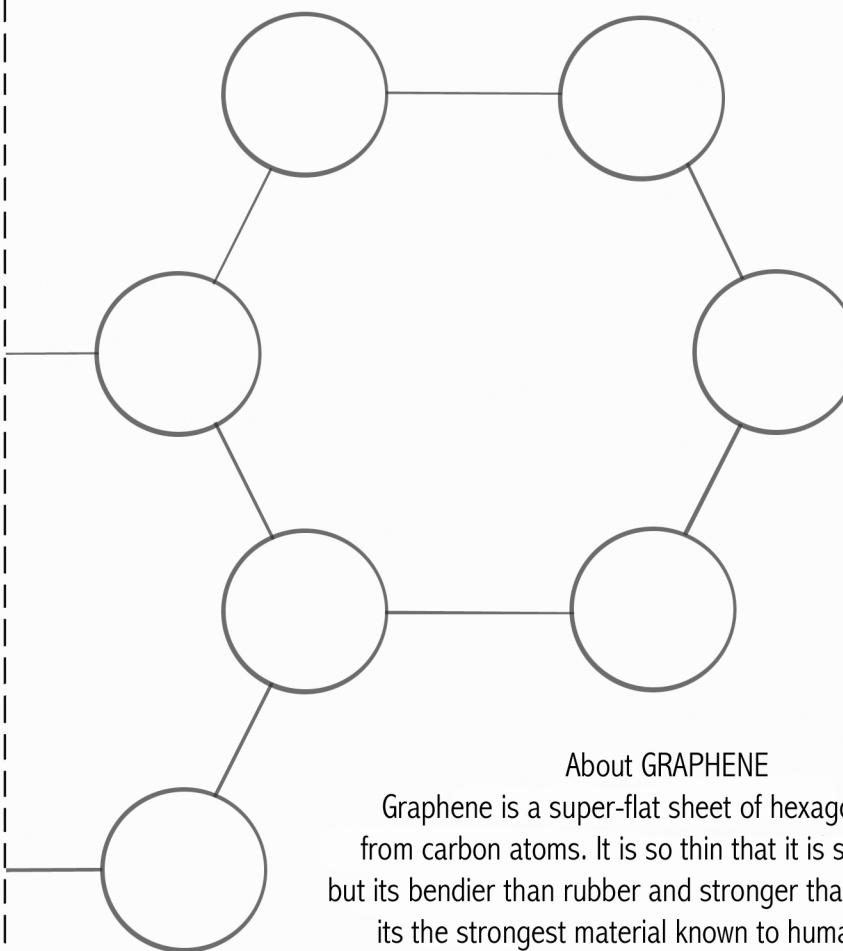
This sheet, printed out

Red paint

A paint brush

A pencil or pen

1. Take your brush and put a dab of paint inside each of the circles on this sheet. These are atoms.
2. Fold the paper in half using the dotted line as a guide.
3. Press down hard on the folded sheet, then unfold and reveal your molecule!
4. You can then add your chemical bonds by drawing a line between each atom.



### About GRAPHENE

Graphene is a super-flat sheet of hexagons made from carbon atoms. It is so thin that it is see-through, but its bendier than rubber and stronger than steel. In fact its the strongest material known to human beings. You can read more about graphene and amazing Nano materials in the book 'NANO The spectacular science of the very (very) small' written by Dr Jess Wade & illustrated by Melissa Castrillon.