



## CHEMISTRY: BRIDGING ACTIVITY

Research the bonding, structure and properties of the following materials and then write 1,500 words about each.

1. Kevlar
2. Self-cleaning glass
3. A biodegradable plastic of your choice.

For each material, you must:

- A. Give an introduction to the type(s) of bonding found in these material and include the uses of the material.
- B. Describe in detail how electrons are involved in the bonding between atoms.
- C. Describe in detail the macromolecular structure of each material.
- D. Relate the macromolecular structure to the properties.
- E. Relate the properties to the uses.

Make sure that you include a bibliography.