1. List products manufactured by both these plastics

- **PET** Polyethylene Terephthalate
- **HDPE** High Density Polyethylene
- PVC Polyvinyl Chloride
- **LDPE** Low Density Polyethylene
- **PP** Polypropylene
- **PS** Polystyrene
- **ALU** Aluminium
- **Fe** Steel
- Glass Bottles
- **PAP** Paper and other Paper
- **Mixed Paper**
- **Cardboard**
- **ABS** (Acrylonitrile-Butadiene-Styrene)
- **C/PAP** Paper and Plastic Mix
- **PPB** Paperboard
- **Cotton** Towels etc...
- **TEX**
- **CSL** Biodegradable Plastic

2. List four products manufactured from PVC. Include images.

3. Why is LDPE suitable for products such as soap dispensers?

4. How is the seat of the iconic polyprop chair, manufactured?

5. Why is PS being replaced by PP, as protective packaging?

6. Sketch the various forms of corrugated cardboard.

7. How is paper manufactured? Include a labelled sketch.

8. Steel is an alloy. What is an alloy? Why are bridges manufactured from steel?

9. Name products manufactured from aluminium. Include images.

   - Describe properties of aluminium.

10. What is a sustainable forest?

11. Name a biodegradable plastic and list some of its practical applications.

   - What is meant by ‘biodegradable’?

12. Click on each ‘recycling symbol’ for helpful links.

13. Draw a diagram representing the life cycle of a sustainable forest.