

1) Rewrite these sentences in the passive. Replace the active verbs in italics with the passive form of the technical verbs from pages 12 and 14 in your books.

Example: 1 *The polymer pellets are transferred from the hopper to the cylinder.*

**Extrusion moulding**

- 1 We *move* the polymer pellets from the hopper to the cylinder.
- 2 An electric motor *turns* the screw in the extrusion moulder.
- 3 The cold polymer pellets *move* along the cylinder.
- 4 Heaters *warm* the polymer pellets and turn them into a liquid.
- 5 The warm, soft molten polymer *moves* along the cylinder.
- 6 The machine *pushes* the molten polymer out into a mould.

**Blow moulding**

- 7 We *shut* the two halves of the mould with the molten polymer inside.
- 8 Compressed air *blows up* the molten polymer in the mould and makes it bigger.
- 9 The plastic bottle shape *gets colder*.
- 10 The machine *pushes out* the plastic bottle from the open mould.

2) Look at the figure in ex. 12 on page 19 in your textbook. Describe the process illustrated there. Use passive where appropriate, and linking word such as *first, next, after that, finally* etc. Write at least 80 words. Bring your text on a separate sheet next lesson (the homework will be collected from everybody).

3) **Optional** (= not compulsory): pages 16-17 (esp. exercises 5 and 6; and ex. 1 if you still struggle with questions). You do not have to bring this part of the homework, just check it with the key.