



ACTIVITY SHEET

EPISODE 19: LABELLING A FLOW CHART

Practise and consolidate your learning about labelling by completing our activities. Remember to refer to the Study Notes and video for this episode if you need help.

Note: The answers for **all** activities are on page 3.

ACTIVITY 1

Read the passage below and complete the questions that follow.

Making a Spectacle

Making spectacle frames by hand is a fairly complex process. It can be divided into three main stages: frame structure, temples and frame plus temples. Within each stage there is also a series of smaller steps.

The spectacle making process starts by milling out the frame front using a CAD milling machine. A heat-sink joint is then inserted into the front of the frame and heated in an oven to its pre-programmed or memory set point which is 110 degrees Celsius. After the heating process is completed, the frame is placed in a mould which gives it its curved surface or meniscus. The next step is the capping of the ends of the frame and then polishing the frame exterior to a fine surface finish.

The second stage in the process involves the spectacle temples or the end-pieces of the eyeglass frame. Using a high-frequency heater, two long and straight end-pieces are made and a wire inserted in each, forming the left and right temples. After capping these pieces, they are ready to be polished, a lengthy process in itself which takes four days.

The final stage serves to connect the frame and temples. This involves first bevelling each of the parts, the frame and the temples to make mitre joints. The sloping edges on the mitres provide the correct butt and, at this point, the process of assembling the parts by hand begins. After joining them, the spectacles are ready and then they are given a final hand-polish using a chamois cloth.



ACTIVITY 1

Complete the table choosing **NO MORE THAN TWO WORDS AND/OR A NUMBER** from the Reading Passage for each answer.

FRAME-MAKING PROCESS		
Stage I: Frame		
STAGES AND STEPS	EQUIPMENT AND MATERIALS	COMMENTS
1 _____	CAD milling machine	providing the frame front
inserting	heat-sink joint	
heating	oven	temperature reaches its memory set point of 2 _____
moulding	3 _____	gives curvature or 4 _____
capping		
polishing		imparts a high quality 5 _____
Stage II: Temples		
STAGES AND STEPS	EQUIPMENT AND MATERIALS	COMMENTS
making (end-pieces)	6 _____	
inserting		wire goes into the two temples
capping		
polishing		7 _____ to complete the process
Stage III: Frame + Temples		
STAGES AND STEPS	EQUIPMENT AND MATERIALS	COMMENTS
8 _____		constructs mitre joints
assembling		providing the 9 _____
hand-polishing	10 _____	

ACTIVITY 2

Put the verbs in brackets into the simple present passive.

- Revisions _____ (make) on the manuscript before the final submission.
- The computerised helicopter _____ (program) before each trial.
- The bark _____ (strip) from the trunks of the trees before being transported to the mill.
- The student survey _____ (administer) on the last day of class.
- Staff meetings _____ (schedule) once every semester.
- The reception _____ (hold) in the Green Room of the hotel.
- Student assessments _____ (conduct) in the usual manner.
- The grammar rules _____ (learn) with each new language feature.
- Interest on the account _____ (pay) quarterly.
- Most of the coffee crops _____ (grow) in Brazil.



ACTIVITY 1 ANSWERS

1. milling (out)
2. 110°C
3. mould
4. meniscus
5. finish
6. high-frequency heater
7. four days/ 4 days
8. bevelling
9. correct butt
10. chamois (cloth)

ACTIVITY 2 ANSWERS

1. are made
2. is programmed
3. is stripped
4. is administered
5. are scheduled
6. is held
7. are conducted
8. are learnt/learned
9. is paid
are grown