



WEEKLY HOME STUDY PACKAGE - WEEK 5 02/08/21 – 06/08/21)

Subject	BASIC TECHNOLOGY	Year/Level	10
Strand	4 – Hand Tools and Materials		
Sub-strand	1.1 – Hand tools and appliances		
Content Learning Outcome	❖ Identify and familiarize with basic and common hand tools. ❖ Exhibit the competency in appropriate, safe and effective use of these hand tools.		

LESSON NOTES/ACTIVITY:

Topic: Hand tools and appliances

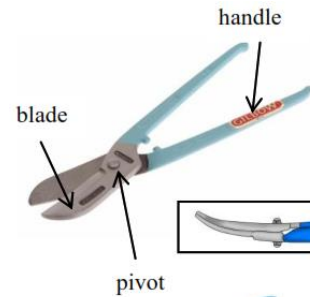
Notes

Tin Snips

They are defined by their long handles and short blades. They usually have extra wide jaws and are made of drop forged carbon steel. Depending on the size of the blade, tin snips can cut between 24 and 16 gauge cold rolled low-carbon tin. Tin snips are hand-operated tools and their purpose is to make the difficult task of cutting sheet metal easier for the user. Tin snips can be used on a variety of different sheet metals including soft metals (such as aluminium, copper and brass), mild steel and stainless steel.

1. Curved Tin Snip

Curved tin snips have rounded blades designed for tasks requiring cutting curves and circles. Curved tin snips are perfect for cutting arches, bends and circular shapes in sheet metal due to their rounded blades.



2. Straight Tin Snips

Straight cut tin snip are designed for simple straight cutting and trimming of sheet metals using a scissor-like action.



Activity Questions

Total: 4 Marks

1) What are tin snips?

. (1 Mark)

2) Name the two types of tin snips?

. (1 Mark)

3) Differentiate between the two tin snips mentioned in question 2?

. (2 Marks)