



## 3055 BA SANGAM COLLEGE

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### WORKSHEET NO: 18

Subject: Basic Technology	Year/Level: 9
	Date: 21/09/21
Topic: Hand Tools and Appliances (Boring Tools)	

#### LESSON NOTES:

#### Boring Tools:

These are tools that are used for boring or cutting holes in timber.

#### Ratchet Brace:

It is fitted with a *ratchet* so that holes can be bored in confined spaces, where it is impossible to turn or sweep the crank for complete turn.

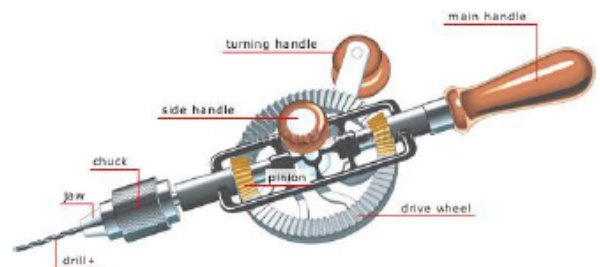
The brace is used with screwdriver bit for driving screws.



#### Hand Drill:

It is useful for woodwork because the drills cut quickly and do not split the wood.

It is used mainly for boring holes for screws or nails.



**Hand Drill Bits:**

Many varieties of bit are designed for boring holes. Bits have a round shank to fit into the chuck of the hand drill. The term boring means cutting holes in materials.



**STUDENTS ACTIVITY:**

1. What are boring tools.

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2. Define the term boring.

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3. State the purpose of the ratchet brace.

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4. State the purpose of the hand drill.

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**Reference:**

Year 9 Basic Technology Textbook, Year 9 Basic Technology Workbook, MEHA.