

**PENANG SANGAM HIGH SCHOOL
P.O.BOX 44, RAKIRAKI**

LESSON NOTES-10

School: PENANG SANGAM HIGH

Year/Level: 12

Subject: APPLIED TECHNOLOGY

Strand	AT 12.6 APPLIED TECHNOLOGY
Sub Strand	AT 12.6.1 Carpentry and joinery.
Content Learning Outcome	AT12.6.1.1 Demonstrate knowledge on safety, materials, tools and process and develop practical skills in joinery works relative to building work, doors and fitting and fitments.

HOUSEKEEPING SAFETY PROCEDURES

- 1- Always keep your workshop neat and clean.
- 2- Do not store any material in the way.
- 3- Stack the material healthy so that it will not fall when taking from the stock.

MACHINE SAFETY PRECAUTIONS

- 1- Keep the safety devices in good working conditions.
- 2- Never touch a cutter tools while it is working.
- 3- Be careful while working on machines.

ELECTRICAL SAFETY PRECAUTIONS

- 1- Do not use electrical tools in the presence of inflammable gas.
- 2- Check your electrical tools before using.

WOODWORKING JOINTS

Woodwork depend mainly on the correct and accurate joining of pieces of wood.

Edge Joints

Fitting together two or more pieces of timber to make up a wide surface.

Butt Edge Joint

When a wide board is to made up of a number of narrow boards glued together.

Dowelled Edge Joint

Is prepared in the same way as the cramped butt edge joint; that is, a slightly hollow is plated along the length of the boards. Dowel holes are glued and the board glued and clamp together to produce a strong joint.

SHORT ANSWER QUESTIONS

1. List only one electrical safety precautions?

2. Explain how you can make a timbers surface wide?

3. List two machine safety precautions.

4. List any two housekeeping safety procedures.

5. Explain the joints given below:

Edge joint-

Butt edge joint-

THE END