

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

LESSON NOTES-12

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.

COMMON OR THROUGH DOVE TAIL ANGLE JOINTS.

It consist of one or more ‘dovetail’ cut on the end of one the other piece.

HALVED OR HALF LAP JOINTS AND BRIDLE JOINTS.

These are joints used in making frames.

ANGLE HALVING JOINTS.

It is used for framing in building work, frames for cores of cheap flush doors, screen etc.

MITRE HALVING JOINT

It is used for appearance where pieces is molded as in mirror frame and picture frame.

TEE HALVING JOINT

It is used when pull may be exerted on the cross member, such as in top plates on building.

CROSS HALVING JOINT

It is used where two pieces cross each other, such as the cross rail of table or frame.

ANGLE BRIDLE JOINT

It is used in the construction of frames where strength is important, such as tennis racket presses.

TEE BRIDLE JOINT

It is used where a leg meets a rail or rim on a table.

MITRE BRIDLE JOINT OR MITRED ANGLE BRIDLE JOINT

It is used for frames where both neatness and strength are required such as mirror frames.

SHORT ANSWER QUESTIONS

1. Name the joint which is used for leg meets a rail on a table.

2. Which joint is used for framing in building work, frames for cores of cheap flush doors, screen etc.

3. Explain the joints listed below;

a- Half lap joints and bridle joints-

b- Miter halving joint-

c- Tee bridle joint-

d- Mitered angle bridle joint-

THE END