

## **SUBJECT: BASIC TECHNOLOGY**

**CLASS: JSS 2**

**WEEK: SEVEN**

### **TOPIC: OBLIQUE PROJECTION**

This is a form of pictorial drawing that shows the three dimensions of an object with the front elevation shown obliquely and one of the receding sides inclined to 45 degrees angle.

One of the faces of the object is drawn full size and parallel to the plane projection, two of the three oblique axes are drawn perpendicular to each other. The third receding is usually drawn at angle 45 degrees to the horizontal, lengths of receding edges on oblique projection are usually drawn either full or half size to avoid misconception.

Oblique drawings are used in the industries to explain or clarify non-professionals the shape and size of objects. Oblique drawings are not real, but created to simplify objects' understanding.

#### **TYPES OF OBLIQUE PROJECTION.**

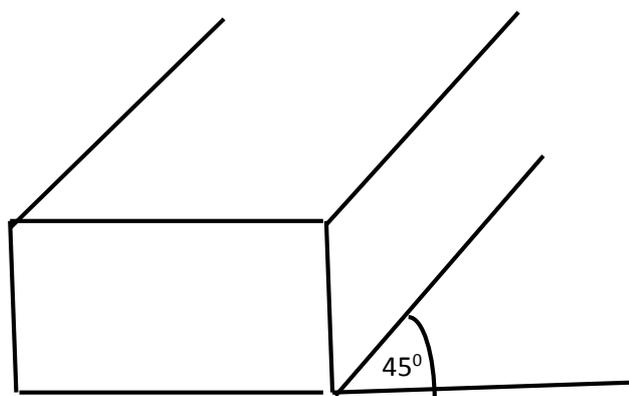
There are two types of oblique projection, thus;

1. Cavalier oblique projection and
2. Cabinet oblique projection.

**Cavalier projection:** This is the oblique projection of an object with the receding edges drawn full size at 45 degrees angle.

**Cabinet projection:** This is the oblique projection of an object with the receding edges drawn half of the full size at 45 degrees angle.

#### **OBLIQUE ANGLE**



## OBLIQUE OBJECTS

