

# Mountlake Terrace High School

## Drafting Technology

### Unit 6:

**Title:** Three-View Drawings

**Unit Objectives:**

The student will be able to:

1. Construct an Orthographic Projection (a three-view drawing)
2. Center a three-view drawing.
3. Construct a third view drawing from an isometric drawing and two existing views.
4. Construct a three-view drawing from an isometric drawing.

**Textbook:** *Basic Technical Drawing* by Spencer

**Chapter 6:** Views of objects

**Reading Assignment:** pp. 72-89: Study every picture and read each caption. Additionally read any sections necessary for clarification of any concept not fully understood through the pictures.

**Chapter 7:** Techniques and Applications

**Reading Assignment:** pp. 90-115: Study every picture and read each caption. Additionally read any sections necessary for clarification of any concept not fully understood through the pictures.

### Plate 1:

p. 103 --> **Fig. 227-2: Holder**

**NOTES:** See p. 96, Fig. 212 for sample of process you should follow.  
Be sure to read figure captions

### Plate 2:

p. 104 --> **Fig. 228-3: Guide** (NOTE: See Notes above)

### Plate 3:

p. 104 --> **Fig. 228-4: Wedge** (NOTE: See Notes above)

### Plate 4:

p. 108 --> **Fig. 235: Starting Catch** (NOTE: Be sure to read figure caption and do 3-views)