

Scout Name _____ Unit # _____ Date _____

Drafting Merit Badge Worksheet

Requirement 1

Make a rough sketch of your Troop meeting room or a room in your church, school, or home.



A large empty rectangular box for drawing a rough sketch of a Troop meeting room or a room in a church, school, or home.

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From the rough sketch on page 1 of this worksheet, submit a finished scale floor plan – drawing to be properly titled to indicate by accepted conventional symbols all openings, equipment, and safety devices. Name the drawing instrument used.

	<p>Drawing Instruments Used</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
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Requirement 2

Submit a scale drawing of some piece of craftwork for use in home, school, Troop meeting place, or camp, which is sufficiently clear and detailed to be used by somebody else as a working basis for making the article.

Complete the Bill of Material Below for your craft drawn on page 3 of this worksheet. Indicate estimated cost.

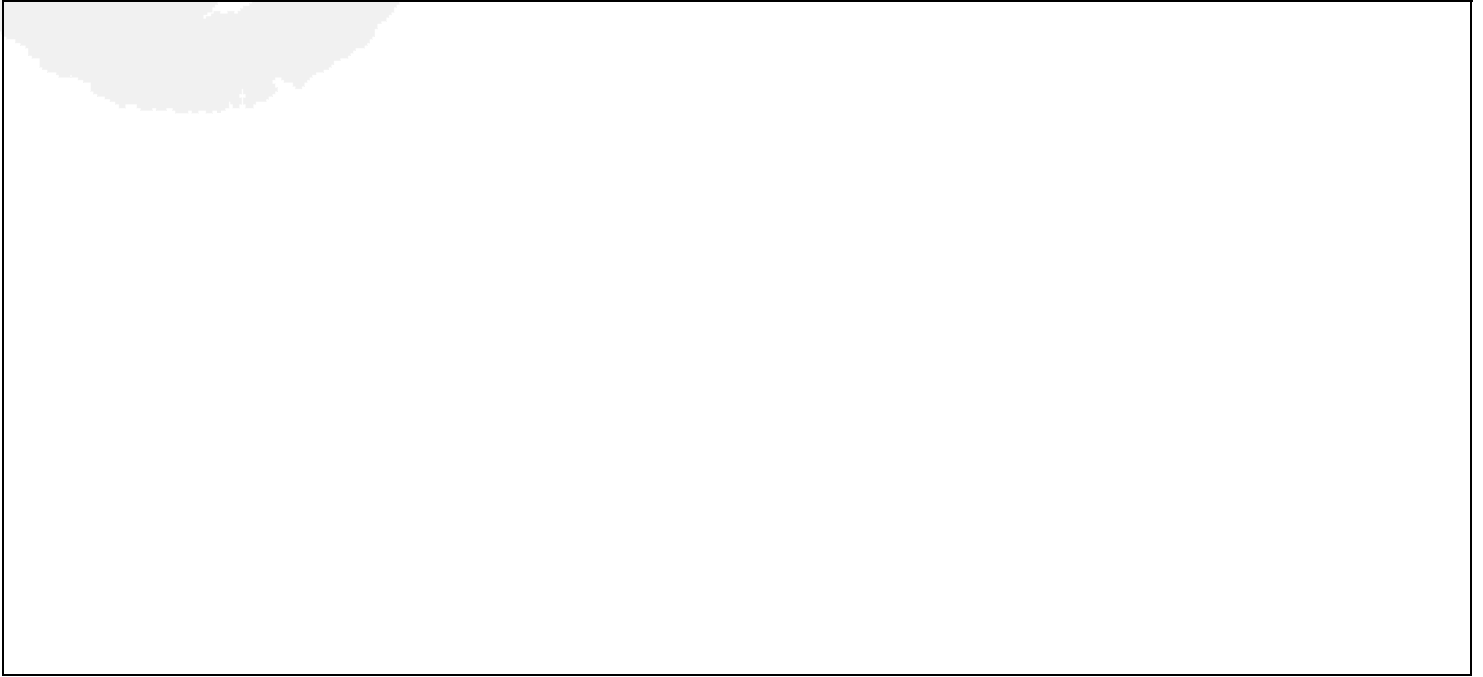
SEQ #	Item Description	Unit Cost	QTY	Subtotal
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
TOTAL ESTIMATED COST				

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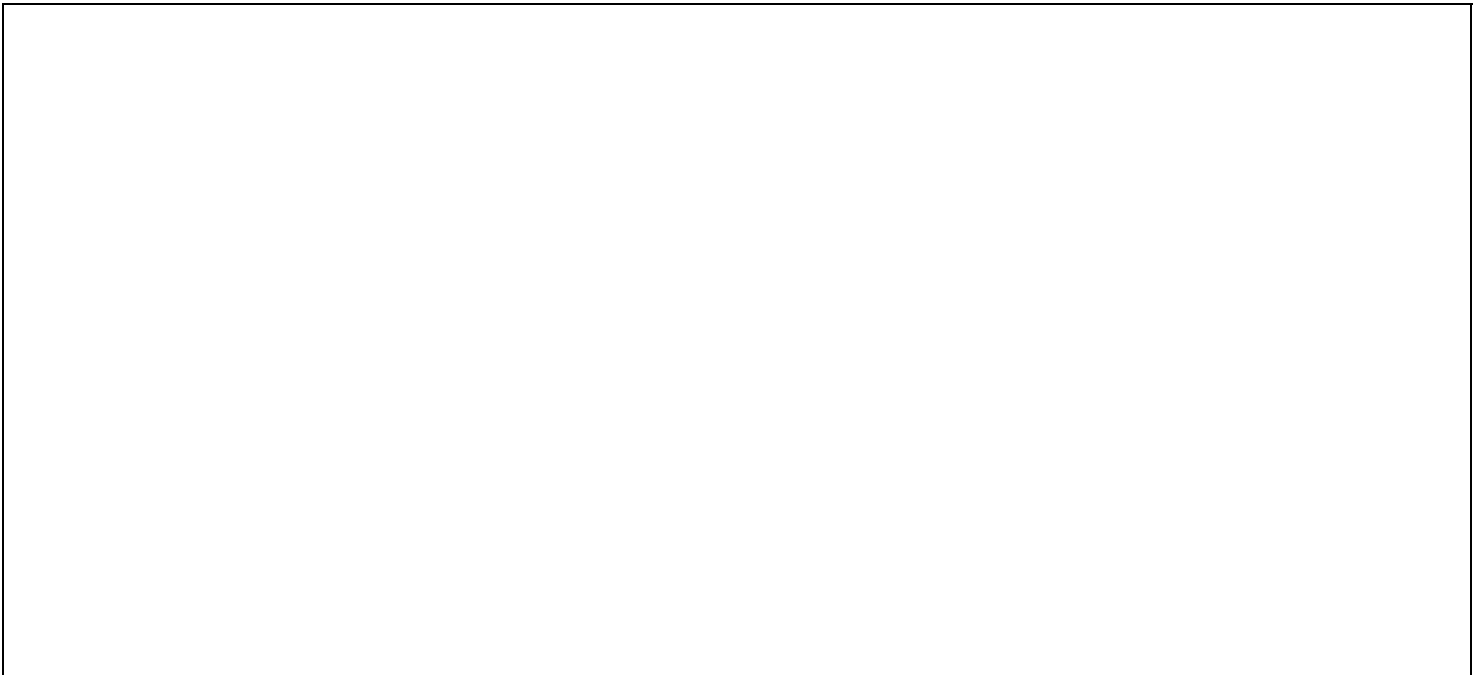
Requirement 3

Submit drawing made by yourself of an Orthographic and Isometric Projections of an object other than those specified in Requirement Numbers 1 and 2.

Orthographic Projection



Isometric Projection



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Reduce or enlarge a simple scale drawing approved by your Counselor, indicating the scale of enlargement or reduction you have used.

Attached the Scale Drawing approved by your Counselor to this Worksheet

Did you decide to reduce or enlarge the scale drawing? _____

What is the scale of enlargement or reduction you have decided to use? _____

Draw your reduced or enlarged scale drawing below.

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Requirement 4

Make an ink tracing of the craftwork in Requirement Number 2.



Submit the cost of reproducing drawing by blue-printing, photostating, or other methods of reproduction.

Method of Reproduction _____

Cost of Reproducing _____

Requirement 5

Submit a hand-lettered poster or bulleting approximately 60 x 70 centimeters for use by a school, church, Troop, or Council.

OR

Submit a hand-lettered personal greeting card for someone's birthday, a holiday, or other similar occasions.

Counselor's Approval for Requirement # 5 _____ (Signature and Date)