

Planning Projects Worksheet

Project(s): _____

Date: _____

Part 1

Previously gathered information

Sett _____ epi

Warp yarn _____ yards per pound ounce* ball skein

Weft yarn _____ yards per pound ounce* ball skein

**To get yards per ounce, divide yards per pound by 16
To change meters to yards multiply meters by 1.09*

Part 3

Warp width

Desired width 13. _____ inches

+ Shrinkage (for width) _____% 14. _____ inches

+ Draw-in 15. _____ inches

= Total warp width 16. _____ inches

x Sett 17. _____ epi

= Total number of warp threads 18. _____ ends (threads)

Weave structure: _____ Ends per inch: _____

Source of idea: _____ Reed: _____ Sley: _____

Number of shafts: _____ Ends in each raddle group: _____

Part 2

Warp length

Samples 2. _____ inches

+ Heading 3. _____ inches

+ Project(s) length 4. _____ inches

+ Hems/fringes 5. _____ inches

+ Shrinkage (for length) _____% 6. _____ inches

= Woven length 7. _____ inches

+ Warp take-up _____% 8. _____ inches

+ Front loom waste 9. _____ inches

+ Back loom waste 10. _____ inches

= Total warp length (inches) 11. _____ inches

÷ Divided by 36

= Total warp length (yards) (length of guide string) 12. _____ yards

Warp yarns

(attach samples)

Description	Source	Yd/lb	Color	Cost
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Planning Projects Worksheet (cont.)

Part 4

Amount of warp yarn needed

Total number of warp threads from line 18 19. _____ ends (threads)

X Total warp length (from above) 20. _____ yards

Total yards for warp 21. _____ yards

÷ Divided by

yards per pound

yards per ounce*

yards per ball

yards per skein

22. _____ yards

= Total warp yarn needed
(how much to have on hand)

23. _____ pounds _____ ounces* _____ balls _____ skeins

Part 6

Yarn totals (Put the amounts needed on the appropriate lines below)

Warp yarn

35. _____ pounds _____ ounces* _____ balls _____ skeins

Weft yarn

36. _____ pounds _____ ounces* _____ balls _____ skeins

Total warp and weft yarn

37. _____ pounds _____ ounces* _____ balls _____ skeins

*To get yards per ounce, divide yards per pound by 16

Part 5

Weft Calculations

Warp width 24. _____ inches

+ Take-up _____% 25. _____ inches

+ Shrinkage (optional) _____% 26. _____ inches

= Length of each weft 27. _____ inches

X Wefts per inch (ppi) 28. _____ ppi

= Length of weft yarn needed
to weave one inch of fabric 29. _____ inches

X Woven length (in inches) 30. _____ inches

= Total length in inches for weft 31. _____ inches

÷ Divided by 36

= Total yards for weft 32. _____ yards

÷ Divided by

Yards per package of weft yarn

33. _____ pound _____ ounce* _____ ball _____ skein

= Total weft yarn needed
(How much yarn to have on hand)

34. _____ pounds _____ ounces* _____ balls _____ skeins

Weft yarns (attach samples)	Description	Source	Yd/lb	Color	Cost
	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____