


















































































































**Pattern Name:** Mini Astronomer  
**Designed By:** Michele Sayetta  
**Company:** Heaven and Earth Designs  
**Copyright:** Randal Spangler 2019 ©  
**Fabric:** Linen 25, White  
 250w X 330h Stitches  
**Size:** 25 Count, 10w X 13-1/8h in

### Floss Used for Full Stitches:

Symbol	Strands	Type	Number	Color
□	2	DMC	1	White
◻	2	DMC	02	Tin
◼	2	DMC	04	Dark Tin
◽	2	DMC	05	Light Driftwood
◾	2	DMC	13	Medium Light Nile Green
◿	2	DMC	17	Light Yellow Plum
◊	2	DMC	27	White Violet
◈	2	DMC	152	Shell Pink-MD LT
◉	2	DMC	155	Blue Violet-MD DK
◊	2	DMC	159	Gray Blue-LT
◈	2	DMC	160	Gray Blue-MD
◉	2	DMC	223	Shell Pink-LT
◊	2	DMC	300	Mahogany-VY DK
◈	2	DMC	301	Mahogany-MD
◉	2	DMC	310	Black
◊	2	DMC	315	Antique Mauve-VY DK
◈	2	DMC	318	Steel Gray-LT
◉	2	DMC	336	Navy Blue
◊	2	DMC	372	Mustard-LT
◈	2	DMC	400	Mahogany-DK
◉	2	DMC	402	Mahogany-VY LT
◊	2	DMC	413	Pewter Gray-DK
◈	2	DMC	434	Brown-LT
◉	2	DMC	435	Brown-VY LT
◊	2	DMC	436	Tan
◈	2	DMC	451	Shell Gray-DK
◉	2	DMC	471	Avocado Green-VY LT
◊	2	DMC	524	Fern Green-VY LT
◈	2	DMC	550	Violet-VY DK
◉	2	DMC	640	Beige Gray-DK
◊	2	DMC	645	Beaver Gray-VY DK
◈	2	DMC	647	Beaver Gray-MD

Symbol	Strands	Type	Number	Color
 	2	DMC	779	Cocoa-DK
 	2	DMC	780	Topaz-UL VYDK
 	2	DMC	782	Topaz-DK
 	2	DMC	783	Topaz-MD
 	2	DMC	791	Cornflower Blue-VYDK
 	2	DMC	792	Cornflower Blue-DK
 	2	DMC	797	Royal Blue
 	2	DMC	798	Delft Blue-DK
 	2	DMC	800	Delft Blue-Pale
 	2	DMC	814	Garnet-DK
 	2	DMC	815	Garnet-MD
 	2	DMC	820	Royal Blue-VYDK
 	2	DMC	833	Golden Olive-LT
 	2	DMC	844	Beaver Brown-ULDK
 	2	DMC	905	Parrot Green-DK
 	2	DMC	918	Red Copper-DK
 	2	DMC	919	Red Copper
 	2	DMC	920	Copper-MD
 	2	DMC	921	Copper
 	2	DMC	931	Antique Blue-MD
 	2	DMC	934	Avocado Green-VYDK
 	2	DMC	938	Coffee Brown-ULDK
 	2	DMC	939	Navy Blue-VYDK
 	2	DMC	945	Tawny
 	2	DMC	977	Golden Brown-LT
 	2	DMC	986	Forest Green-VYDK
 	2	DMC	3012	Khaki Green-MD
 	2	DMC	3031	Mocha Brown-VYDK
 	2	DMC	3042	Antique Violet-LT
 	2	DMC	3064	Desert Sand
 	2	DMC	3072	Beaver Gray-VYLT
 	2	DMC	3345	Hunter Green-DK
 	2	DMC	3348	Yellow Green-LT
 	2	DMC	3363	Pine Green-MD
 	2	DMC	3364	Pine Green
 	2	DMC	3371	Black Brown
 	2	DMC	3721	Shell Pink-DK
 	2	DMC	3722	Shell Pink-MD
 	2	DMC	3727	Antique Mauve-LT
 	2	DMC	3743	Antique Violet-VYLT
 	2	DMC	3747	Blue Violet-VYLT
 	2	DMC	3756	Baby Blue-UL VYLT

Symbol	Strands	Type	Number	Color
 	2	DMC	3776	Mahogany-LT
 	2	DMC	3781	Mocha Brown-DK
 	2	DMC	3787	Beige Gray-VYDK
 	2	DMC	3799	Pewter Gray-VYDK
 	2	DMC	3830	Terra Cotta-MD
 Z	2	DMC	3836	Grape-LT
 	2	DMC	3838	Lavender Blue-DK
 	2	DMC	3854	Autumn Gold-MD
 	2	DMC	3857	Rosewood-DK
 	2	DMC	3858	Rosewood-MD
 	2	DMC	3859	Rosewood-LT
 	2	DMC	3860	Cocoa
 X	2	DMC	3861	Cocoa-LT
 	2	DMC	3862	Mocha Beige-DK
 T	2	DMC	3864	Mocha Beige-LT
 	2	DMC	Ecru	Ecru

## Usage Summary

Strands Per Skein: 6

Skein Length: 313.0 in

Type	Number	Full	Half	Quarter	Petite	Back(in)	Str(in)	Spec(in)	French	Bead	Skein Est.
□ DMC 1	506	0	0	0	0	0.0	0.0	0.0	0	0	1.000
□ DMC 02	299	0	0	0	0	0.0	0.0	0.0	0	0	1.000
■ DMC 04	651	0	0	0	0	0.0	0.0	0.0	0	0	1.000
■ DMC 05	768	0	0	0	0	0.0	0.0	0.0	0	0	1.000
■ DMC 13	236	0	0	0	0	0.0	0.0	0.0	0	0	1.000
■ DMC 17	898	0	0	0	0	0.0	0.0	0.0	0	0	1.000
□ DMC 27	529	0	0	0	0	0.0	0.0	0.0	0	0	1.000
■ DMC 152	744	0	0	0	0	0.0	0.0	0.0	0	0	1.000
■ DMC 155	256	0	0	0	0	0.0	0.0	0.0	0	0	1.000
■ DMC 159	565	0	0	0	0	0.0	0.0	0.0	0	0	1.000
■ DMC 160	248	0	0	0	0	0.0	0.0	0.0	0	0	1.000
■ DMC 223	598	0	0	0	0	0.0	0.0	0.0	0	0	1.000
■ DMC 300	4048	0	0	0	0	0.0	0.0	0.0	0	0	2.000
■ DMC 301	3352	0	0	0	0	0.0	0.0	0.0	0	0	1.000
■ DMC 310	1249	0	0	0	0	0.0	0.0	0.0	0	0	1.000
■ DMC 315	257	0	0	0	0	0.0	0.0	0.0	0	0	1.000
■ DMC 318	394	0	0	0	0	0.0	0.0	0.0	0	0	1.000
■ DMC 336	143	0	0	0	0	0.0	0.0	0.0	0	0	1.000
■ DMC 372	270	0	0	0	0	0.0	0.0	0.0	0	0	1.000
■ DMC 400	4104	0	0	0	0	0.0	0.0	0.0	0	0	2.000
■ DMC 402	972	0	0	0	0	0.0	0.0	0.0	0	0	1.000
■ DMC 413	692	0	0	0	0	0.0	0.0	0.0	0	0	1.000
■ DMC 434	919	0	0	0	0	0.0	0.0	0.0	0	0	1.000
■ DMC 435	2498	0	0	0	0	0.0	0.0	0.0	0	0	1.000
■ DMC 436	1095	0	0	0	0	0.0	0.0	0.0	0	0	1.000
■ DMC 451	623	0	0	0	0	0.0	0.0	0.0	0	0	1.000
■ DMC 471	74	0	0	0	0	0.0	0.0	0.0	0	0	1.000
■ DMC 524	288	0	0	0	0	0.0	0.0	0.0	0	0	1.000
■ DMC 550	133	0	0	0	0	0.0	0.0	0.0	0	0	1.000
■ DMC 640	761	0	0	0	0	0.0	0.0	0.0	0	0	1.000
■ DMC 645	816	0	0	0	0	0.0	0.0	0.0	0	0	1.000
■ DMC 647	358	0	0	0	0	0.0	0.0	0.0	0	0	1.000
■ DMC 779	866	0	0	0	0	0.0	0.0	0.0	0	0	1.000
■ DMC 780	795	0	0	0	0	0.0	0.0	0.0	0	0	1.000
■ DMC 782	735	0	0	0	0	0.0	0.0	0.0	0	0	1.000
■ DMC 783	778	0	0	0	0	0.0	0.0	0.0	0	0	1.000

Type	Number	Full	Half	Quarter	Petite	Back(in)	Str(in)	Spec(in)	French	Bead	Skein Est.
■ DMC 791	422	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC 792	528	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC 797	1022	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC 798	221	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC 800	247	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC 814	3509	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC 815	1749	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC 820	744	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC 833	105	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC 844	692	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC 905	36	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC 918	2195	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC 919	2200	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC 920	1515	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC 921	1674	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC 931	155	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC 934	554	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC 938	1232	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC 939	679	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC 945	1330	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC 977	1092	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC 986	39	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC 3012	214	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC 3031	674	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC 3042	539	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC 3064	964	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC 3072	359	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC 3345	82	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC 3348	141	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC 3363	226	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC 3364	229	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC 3371	4776	0	0	0	0.0	0.0	0.0	0	0	2.000	
■ DMC 3721	358	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC 3722	926	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC 3727	646	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC 3743	680	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC 3747	516	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC 3756	1324	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC 3776	2107	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC 3781	682	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC 3787	945	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC 3799	809	0	0	0	0.0	0.0	0.0	0	0	1.000	

Type	Number	Full	Half	Quarter	Petite	Back(in)	Str(in)	Spec(in)	French	Bead	Skein Est.
■ DMC	3830	1167	0	0	0	0.0	0.0	0.0	0	0	1.000
■ DMC	3836	258	0	0	0	0.0	0.0	0.0	0	0	1.000
■ DMC	3838	111	0	0	0	0.0	0.0	0.0	0	0	1.000
■ DMC	3854	823	0	0	0	0.0	0.0	0.0	0	0	1.000
■ DMC	3857	926	0	0	0	0.0	0.0	0.0	0	0	1.000
■ DMC	3858	879	0	0	0	0.0	0.0	0.0	0	0	1.000
■ DMC	3859	1510	0	0	0	0.0	0.0	0.0	0	0	1.000
■ DMC	3860	1143	0	0	0	0.0	0.0	0.0	0	0	1.000
■ DMC	3861	949	0	0	0	0.0	0.0	0.0	0	0	1.000
■ DMC	3862	1276	0	0	0	0.0	0.0	0.0	0	0	1.000
■ DMC	3864	1063	0	0	0	0.0	0.0	0.0	0	0	1.000
■ DMC	E cru	740	0	0	0	0.0	0.0	0.0	0	0	1.000