Triangle Faces

10-15 minutes per Triangle, less than one meter of thread, 1/2 teaspoon of beads

YOU CHOOSE number of beads per side (average Cycles use 7-12 per side)

Your Machine will have four faces that can rotate inward or outward, making eight possible designs. The way to get eight faces out of only four designs is to make sure that your Triangles have at least one unique corner in their designs. That way the pattern face will change as you rotate the finished Machine inward or outward.

Please consider weaving in your working threads as you finish each triangle. This will treat each element as a finished piece, and allow you to work more cleanly as a designer. It will also allow you to take your Machines apart and rearrange them (which is a lot of fun).

For instructions on how to craft a simple Peyote Triangle, please see our illustrations in CGB, Volume 1, page 50-51. Free downloads of this book are available to you as our gift during this BeadALong, at this link and password:

https://beadmobile.wordpress.com-specials-for-pre-orders/
password for Volume I: beautiful

If you are just learning, focus on making each Triangle with only one thread (it uses less than one meter) and making sure that you correct any errors in the round in which they occur. If you find that you have made an error some rounds back, it’s best to start over.

An interesting thing to notice about our peyote Triangles is that they are made up of three smaller Triangles themselves. This smaller triangle is called a “quadrant”, even though there are only three of them. This quadrant is shaped the same in the Triangle, the Warped Square, the Pentagon, the Hexagon, etc. This is neat.
Use our blank Colouring Graphs to design your own Triangle Faces.
CGB Machine Assembly

Colouring Graphs: Triangles

9 beads per side

Poppy face, designed by Arantxa Romeo Garcia
Batcelona, Spain
illustrated by Karen Beningfield
CGB Machine Assembly

Colouring Graphs: Triangles

9 beads per side

Flower face, designed by CGB Team
illustrated by Karen Beningfield
CGB Machine Assembly

Colouring Graphs: Triangles

11 beads per side

designed by
Joke van Beisen
the Netherlands
Modified & illustrated by
Karen Beningfield
CGB Machine Assembly

Colouring Graphs: Triangles

11 beads per side

designed by
Joke van Beisen
the Netherlands
Modified & illustrated by
Karen Beningfield
Above, a typical Folding Net Kaleidocycle Assembly

Below, a Jellyfish Net arrangement (not yet joined or hinged)
11 beads per side

designed by
Bonita Munson
illustrated by
Karen Beningfield

24 Triangles make a Kaleidocycle

Make 6 each of 4 designs

Bonita used:

DB 272
DB 730
DB 732
DB 794
DB 2143