

Dodecahedron


(Beaded Crystal Ball made with single thread)

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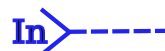
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Materials:

- a 8 mm bicone crystals (x30) 
- b 0.30mm fishing line (1m)
- c Size 6 needle (pinch the end of the thread with pliers if you struggle to get the line through the needle)
- d Any contrasting bead so that you can recognise the 1st pentagon)

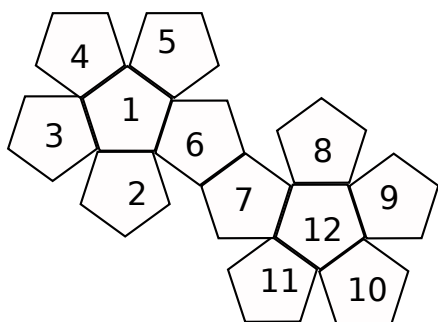
New beads added



Going through beads added previously




Dodecahedron Net




A dodecahedron is made up of 12 pentagons (5 sided figures). In the net is the number order in which the beaded ball is made. The 12th pentagon gets formed automatically when the last bead is added. You need to go through the beads of the last pentagon with your thread to secure it. You will use exactly 30 beads (the dodecahedron has exactly 30 edges)

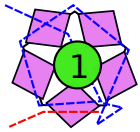
Dodecahedron

Colour code:  new beads picked up

 Beads of previous rows

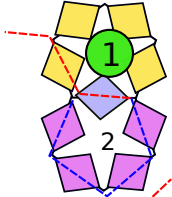
 Beads of previous row that form part of new pentagon

Step 1



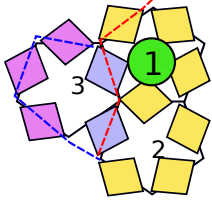
Pick up 5a. Tie a knot with the tail-end (add any bead to the tail-end so that you can recognise the 1st pentagon). Go through the next a bead.

Step 2



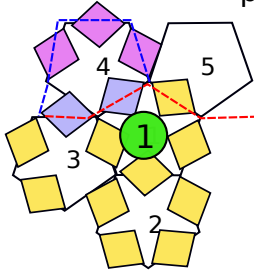
Add 4a. Go through the bead from where you initially exited and the next bead of the 1st pentagon.

Step 3



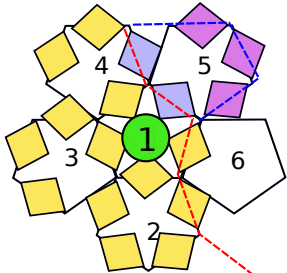
Add 3a. Go through the first bead added in the previous step, the bead from where you exited and the next bead of the 1st pentagon.

Step 4



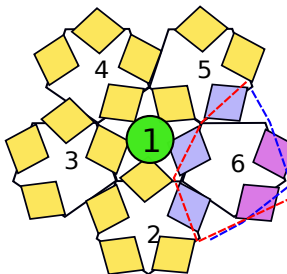
Repeat step 3.

Step 5



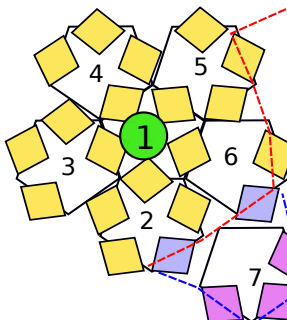
Repeat step 3. Also go through the last bead added in the 2nd pentagon.

Step 6



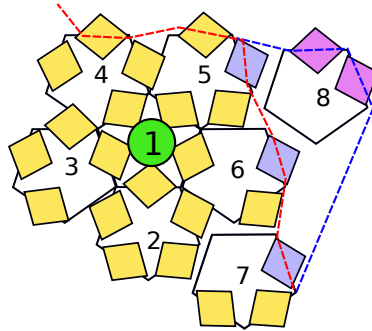
Add 2a. Go through the first bead added in the 5th pentagon, the 2 beads from where you initially exited and the 1st bead just added.

Step 7



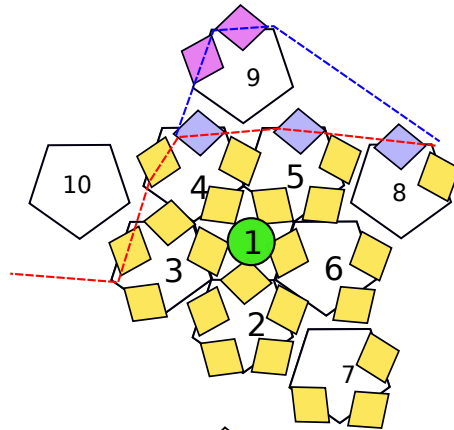
Add 3a. Go through the 2nd bead added in the 2nd pentagon, the bead from where you initially exited, and the next 2 beads of the previous row.

Step 8



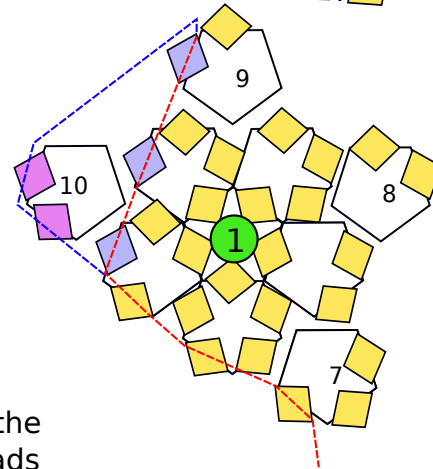
Add 2a. Go through the 1st bead added in the previous pentagon, the 2 beads from where you initially exited and the next 2 beads of the previous row.

Step 9



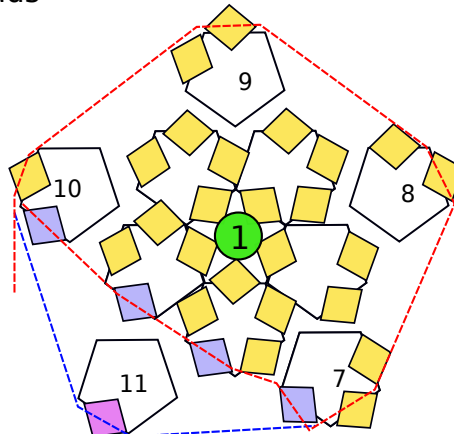
Repeat step 8

Step 10



Repeat step 8. Finish by going through the last bead added in the 7th pentagon (that will be the 1st pentagon of this row).

Step 11



Add 1a. Go through the 1st bead added in the previous pentagon, the 3 beads from where you initially exited and the bead just added.