**Constructing a Knot from a Seed of Life**

For this construction you will need to work on a piece of A4 paper in portrait.

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| **Step 1** – Start with a seed of life made up of seven circles of radius 4 cm. | **Step 2** – Set compasses to a radius of 3 cm and with compass point on red intersection point, draw in an arc. | **Step 3** – Keeping compasses at same radius, add arcs from each of the red intersection points. |
| **Step 4** – With compass point on the blue intersection point, open to point A and draw in arc shown. | **Step 5** – Keeping compasses at same radius, add arcs from each of the blue intersection points. | **Step 6** – Using the same intersection point as step 4, open up the compasses to point B and draw an arc. Repeat from all intersection points. |
| **Step 7** – Outline the knot in pen as shown, either by hand or using a pen in your compasses. | **Step 8**  - Colour in your knot using pencils or fineliners! |  |