

MANDALA DESIGN

Purpose/Intent of Project

- Teach how to use a compass and protractor
- Learn about division/measuring/angles
- Teach symmetry and accuracy
- Hone/refine eye hand skills
- Learn the significance of mandalas (and the like)
- This is a “stay within the lines project” - ...or not ☺

Mess Quotient = VERY LOW

- Eraser crumbs

Basic Materials

- 8.5” x 11” paper – White bond is great or any light-colored paper that you can draw onto with pencil
- Compass
- Protractor
- Graphite pencil – Softer lead will erase easier (i.e., HB or #2)
- Eraser – White vinyl is least abrasive but Pink Pearl will work just as well
 - For erasing fine lines, etc. - Tombow’s Mono Erasers are great - they are very small in size
- Vidalon – More substantial “tracing paper” to transfer out line of mandala on to
- Similar material used in some coloring books as coloring surface
- Easy to draw on and erase pencil marks
- IDentipen – a permanent/black pen that writes on almost any surface as outliner for design
- Color pencils

Accessories (optional BUT FUN!)

- Waterbased markers in assorted colors
- Foamboard is a great way to go for a drawing surface
 - Has a smooth and has a bit of give to allow the compass point to penetrate and no slip out of its hole/center point

Lesson

- Find center of bond paper
- Draw 5-6 concentric circles using the compass – keep the point at center
- Circles do not need to be equidistant from each other – it’s more interesting if they are not!
- Use the ruler to draw a line through the center point
- Use the protractor to create even radii by dividing the circle into 12 equal sections
- Make marks at 30/60/90/120/150 degrees
- Draw a straight line from these marks through the circle center to the opposite side of the circle
 - **NOTE:** You can make copies to draw on because you just made a template
- Begin to draw on the template with a pencil with repeating patterns
 - You can add additional radii and concentric circles, if desired.
- When the design is complete
- Place Vidalon over the design and begin tracing the patterns with the IDentipen
- Choose your color palette
- Start coloring!

Tips

- Do not move the compass until all your concentric circles are drawn
- If the measurements are off the mandala will not work out well
- Mix curved and straight lines in your design for interest
- Have fun! And don’t forget to sign your work!

