Icing Drawing: Piping Lines and Swirl Practice

Original tasks 1, 2, 3, 4 / complete keys

Task 1

Draw a straight icing line 4 cm long and a second line 6 cm long. Check that both have even width.

Answer: Two continuous lines measuring 4 cm and 6 cm with consistent width.

Reason: Straight lines build pressure control; measuring confirms length and width consistency.

Check: Use a ruler to measure length and compare width at start, middle, and end.

Task 2

Draw a zigzag along an 8 cm baseline with four peaks spaced 2 cm apart, placing a valley halfway between each pair of adjacent peaks.

Answer: A continuous zigzag with four peaks at 0, 2, 4, and 6 cm along the 8 cm baseline, with valleys at the 1 cm midpoints between adjacent peaks: 1, 3, and 5 cm. After the last peak at 6 cm, a closing descent runs to the baseline end at 8 cm with its valley at 7 cm.

Reason: Zigzags train rhythm and interval control; marking peaks and valleys first prevents uneven spacing. Four peaks 2 cm apart occupy 0, 2, 4, and 6 cm, leaving the final 2 cm as the closing descent to the baseline at 8 cm, so peaks and valleys alternate cleanly.

Check: Use a ruler to confirm peak positions at 0, 2, 4, and 6 cm, valley positions at 1, 3, 5, and 7 cm, and that the stroke ends at the 8 cm baseline mark; check that the line is unbroken.

Task 3

Inside a 6 cm circle, draw a swirl with three loops starting from the center.

Answer: A continuous spiral with three loops and even gaps inside the circle.

Reason: Swirls require steady outward expansion; the circle bounds the practice area.

Check: Count loops, measure gaps between them, and check the line does not cross itself.

Task 4

On a 10 cm cake-top panel, combine one central swirl, two zigzag borders, and straight connecting lines.

Answer: An original design with a central swirl, two zigzag borders, and straight connectors, all continuous.

Reason: Combining strokes tests independent design and control across different stroke types.

Check: Verify each stroke type is present, measure spacing, and confirm the design fits the panel.

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Source rubric / reflection

- [ ] Strokes are continuous without unintended breaks.
- [ ] Stroke width is consistent along each line.
- [ ] Zigzag intervals are even and measurable.
- [ ] Swirl loops are evenly spaced and do not cross.
- [ ] Design uses at least two stroke types and fits the panel.
- [ ] Measurements are labeled as hypothetical examples where used.

Reflection: What did you check, what did you change, and what will you try next?