Draw Clay Coil and Shape-Built Forms from Play-Doh-Style Steps

Ordinary topic reference / separately checked pixels



Draw Clay Coil and Shape-Built Forms from Play-Doh-Style Steps

Original worked example / unchanged complete key

Prompt: Draw a coil form 60 mm tall with 5 coils, width 30 mm, light from upper left. Describe the construction and shading.

Answer: Draw a vertical center line 60 mm tall. Mark baseline at 0 mm and midline at 30 mm. Sketch a bulging cylinder 30 mm wide. Divide height into 5 bands of 12 mm each. Curve each band edge and overlap adjacent bands by about 2 mm. Add a curved shading panel on the lower right covering about 10 mm of width, darkest near the bottom. Add a soft highlight on the upper left. Align a base shadow ellipse with the baseline.

Reason: Band height 60 divided by 5 equals 12 mm, so bands are consistent. Width 30 mm gives a height-to-width ratio of 2:1, which reads as a tall coil form. Shading panel width about one third of 30 mm is 10 mm.

Check: Measure total height 60 mm and width 30 mm. Confirm 5 bands each about 12 mm. Check shading panel covers roughly 10 mm on the lower right and highlight is upper left. Confirm base shadow touches baseline.