

Y3 Art Sketching Knowledge Organiser— Cubes

Key Knowledge—How to draw a cube . Step by Step instructions

Part One—Drawing a basic cube

Step 1 — Draw two guide dots across from each other

Step 2 — Draw a dot above and below using your finger. keep the middle dots close together

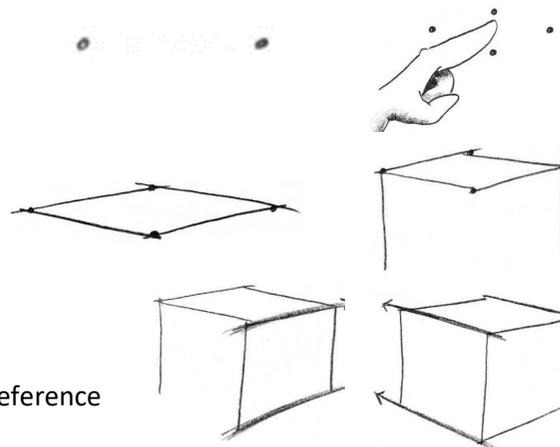
Step 3 — Draw a foreshortened square

Step 4 — Draw the sides of the cube using two vertical lines

Step 5 — Using the two side you have just drawn as reference lines, draw the middle line a bit longer and lower.

Step 6 — Using the top right edge of the foreshortened square as a reference line, draw the bottom right side parallel to the top.

Step 7 — Do the same for the bottom left side of the cube using the top left edge of the foreshortened square as a reference line.



Part Two—Drawing a hollow cube

Step 1— Slant back two parallel lines

Step 2— Draw the top edge of your box lid in alignment with all the angled lines slanting slightly up to the left.

Step 3— Draw the other side of the box lid lifting up with two parallel lines

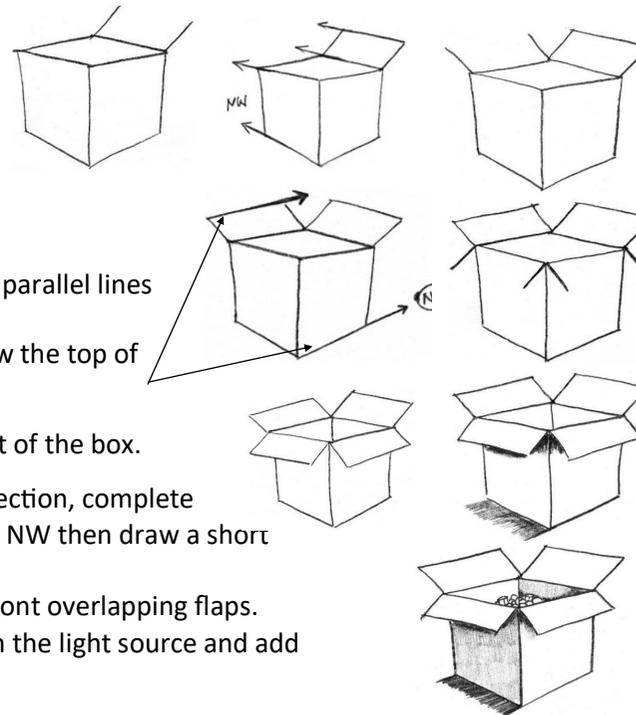
Step 4— Using the bottom of the box line in direction NE, draw the top of the lid in direction NE

Step 5— Sketch in the two near lid flaps slanting down in front of the box.

Step 6— Using the bottom of the box angles to guide your direction, complete the near flaps, aligning them up in directions NE and NW then draw a short peeking line at the back interior of the box.

Step 7 — Draw your cast shadow and darken under the two front overlapping flaps.

Step 8— Darken the box outline, shade on surfaces away from the light source and add contents to your box.



Key Vocabulary

Word

Definition

Dimensions

A cube should be drawn with **dimensions**; length, width and depth.

Foreshorten

To distort an object and create the illusion that part of it is closer than another part.

2D—Two dimensions

Lacking depth – appears flat

3D—Three dimensions

Appearing to have length, breadth and depth making an object appear to pop out

Depth

The appearance of distance from the front to the back in a picture

Vertical

Lines that run up and down the page. (The sides of a cube have two **vertical** lines to stop tilting)

Reference line

Lines that are used to inform next steps.

Guide Dots

Points of reference from which new lines are drawn.

Key Knowledge

A—Attitude—I can do this.

B—Bonus detail—Add your Own unique ideas and Expression

C—Constant practice— Repeat often