

Beyond Classrooms Kingston

Learn to Sketch Video 3: Sketching a Mystery Object with Francesca Pang

Transcript

Hello everyone, welcome to another sketching activity. For this activity, we are going to be drawing an object from a photograph. Today I've got a picture of a mystery object here on a tablet. Today I have a picture of a mystery object here on my tablet. And if you've got a printout of an image, that will work just fine as well.

Working from a tablet or from an image is a little bit different than a 3D object, right? An object we can usually pick up, turn around, look at from different angles, and really get an idea of how it looks, right, so that we can draw it on paper. With a 2D, a flat image, we can't necessarily pick it up right off the screen or off the paper, but in the case of technology it can help us zoom in on things and we can look at it from just one angle so we don't have to worry about it moving around. So there are some good parts about drawing this and some difficult parts that we're going to overcome.

If we're looking at this object, we might not be able to tell exactly how big it is, right? The camera could have been very close to the object or very far. However, you know, that's kind of the fun of it when we guess things about it and when we make notes in our journal about all these different things.

To get started with drawing these objects, we are going, you know, we might... To get started with drawing this object. We might find it difficult to start. You know where to start really or what part of it to draw first? How big to draw it on the paper so that we don't go off the paper or go too small, right? However, if you do go off your page that would be excellent because I always like to say try and fail as much of your paper as you can, right? If you're doing more than one drawing you might do one of the whole object and another of one part that really caught your eye, right?

So for this object, we're going to go back and we're going to break it down so that we can draw it in a much easier way and end up with something really neat. To do that, we're going to think back to some of our basic shapes. We've got again a circle, we've got a square, a rectangle, and a triangle.

Now I'm going to take this a little further this time and we're not going to think just about 2D shapes, flat shapes, but also some 3D forms. Examples of 3D forms include a cylinder, a cube, a rectangular prism, as well as a triangular prism, right? Essentially 2D shapes are things that are flat and 3D forms are things that we can typically pick up and when we're drawing them will show those different faces of something like a square or the different lines and edges that make these shapes up.

So because this object used to be 3D, we're going to try and use some of these forms to capture it on paper to show folks all those different parts of it. So if we're looking at our mystery object here and we're trying to by some of our friendly, familiar shapes and forms. We might see right away that there's lots of, I'll zoom in here, lots of circles, nice and easy. I'm not going to count them, but this is clearly something we are able to draw. And then these circles sit inside this form that kind of resembles a cylinder, right? We see two parallel lines here, and then a curved bottom as well as top and an opening.

So we can see, you know, it maybe it reminds us of a jar and already we've got two familiar shapes and forms. We'll zoom back out here. We can see that the handle or whatever this is here is not very traditional. However, it's just some lines that curve, curve and then bend, right? So we're looking and we

can say I could draw a straight line here and in here kind of looks like an angle, right? Like the sides of a triangle. So that already will help me break this piece down.

Over here, I see another circle. Hello, friend. I see kind of a half circle here. Very nice. And these shapes, which kind of remind me, if we look at the perimeter, the outside of it, a square. And between these dark and light areas, they kind of look like rectangles. And already, I've broken my mystery object down into some shapes that I can practice drawing and making look nice.

All right, so when trying to fit this on one piece of paper, I'm going to take my pencil and start with perhaps the largest area, right, so I'm just going to quickly pop in a square actually to show the cylinder and I'm going to draw in a medium light pressure right now so that it's not my final drawing, but I can see where I've got my rough shapes in. My first handle here just has some straight lines right, it's the simple shape of it. I've got maybe a triangle here. And I can see that this top handle is much longer than my bottom one.

So I'm going to remember that triangle angle here, right? You'll notice my eye goes from my picture to my, my paper, my screen to my paper. I'll go from here and I'll try, try some lines for my angle. Um, you know, I'll find the one that feels the closest and draw it a little bit darker and I think that's the final line. It goes a little past, it's kind of rounded here, so I'll just draw that shape. Another straight line down here, and kind of a rectangle here, right? All simple shapes.

We saw the circle here earlier, a semi-circle, and my square. If I want to look a little closer I can see that the bottom of my shape here kind of lines up with the bottom handle so I'll make sure here that it connects or is close close enough. There we go right and even though these are just simple shapes such as squares circles and lines and angles I've already got something that resembles my object on the screen here.

Then I can add a little bit more detail and jump in with some of those forms. Right here I've got a cylinder which uses the shape of an oval and I can draw this really lightly first and as I get more confident to darken it so that I can see where that is. These lines here seem to run parallel, they'll never run into each other. So I can add some parallel lines in lightly, right? I can use short lines if I can't draw one full line there, there and at the bottom.

Right? So I'm breaking it down step by step to help me look at the picture. Oh, I got an extra line, but that's okay. All right. And so these lines here are pretty much where they should be. I actually do notice that the line here where all the dots are goes in a bit so I'll draw a darker line here to show that this is my final line for my shape here. There.

Okay, so once you you know you've got your rough parts in and you think this is the final you can darken some of these lines to show where your drawing, good copy, is. Right, we're going to leave all the rough lines in. We could erase them later, but it's a sketch. It's kind of a practice and quick capture of what we see. It's not a photograph, so it's good to show a little bit of your rough work, and it looks really cool, to be honest.

Okay, so as you go, you start to add more details. You can, might notice some things. The more you look at your object here, I missed it in the first time. Some angled lines that are in. and go out down here too, whoop. And I'm adding details in slowly and darkening those lines as I'm pretty sure this is what I want there, okay?

And up here as well, I made this a little bit thicker than what I'm seeing in the picture, so I might take that line in, curve it and go on on the outside. A darker line to show this is my final drawing here. If you look here, actually, there's you can see the top and the inside of the handle, right? So it's just another line coming out here, curving at the end. So I'm going to do the same in my drawing. I'd love to show that 3D popping part. So I'm going with my And there. All right, I could erase that other line later if I want, but it's not what I'm doing right now.

Over here, I have the opportunity to zoom in. There's actually a round shape in here, right, between this hinge. So I'm going to draw that. I'm going to darken this line and add in this semicircle, this curved area here. You can see that there's a little hole there too. I can draw a tiny triangle to capture that shape, darken my circle here, and to add these lines here. It's actually kind of a curve, so I'm going to whoop, whoop, and calm down here.

Alright, so remember how earlier we said we saw some rectangles? I'm just going to add those lines in to help me get that part of my picture in, and I've saved the fun part for last all these holes. Now when I'm doing this, because it's a sketch, it's just an idea of what I'm seeing for my journal, I'm not going to draw every single circle that's here, just I'm going to draw a bunch. They don't even have to be perfect, they can be little scribbles, but I just want to show people who might look at my journal or whoever I'm Presenting to that there are a lot of holes in this object here, and they're all little and kind of line up.

So I'm just going quickly here to show you What the sketch could look like That's there Right and something you could have done at the beginning But I'm doing now is I'm making sure that the scale of my object is correct so that one part you know if one part is smaller than the other that my picture looks like that. So if my cylinder is this wide if I'm measuring with my fingers and it's this wide this way about the same that my picture is about the same width and height as well.

So I want to try and measure with my finger I could always pull out a ruler but make sure that things you know if this is this long, this handle is a little bit longer. My picture should be the same, a little bit longer here. Right, and I say this handle is this long, this one is maybe double, so I can measure here and see. And I've actually done a pretty good job here, so good for me.

All right, and when my picture is done, if I'd like and I've got a little bit of time, I can add some shading to my picture to really bring these forms to life and show the dark and light of where the light is hitting it. So I might take my pencil and just quickly add some dark coloring to the areas where there is less light, right? All these little holes, some of them have dark spots because you can't see through it to the paper that it's sitting on. I'll just color a couple in.

The handle down here is darker because this part, this top lid part, is covering the light. So I might do a little bit of shading here. Just a quick idea. If I'm out of the lines, not a problem. You know, it's really about the main object. My rectangles here are alternating dark light, dark light. So I'll just color that in to show that it kind of bends and also this part up here. Right inside we saw that there's an inside part that's much darker so I'm really going to try and get that in my picture here.

Some green things if I had a green color I could add it in here. I might actually see how there's dark to light here it's probably a curved edge as well. I can't tell because I can't pick it up, but I'm going to use my eyes to make an inference guess kind of what The object could feel like or look like so I'll add these

shadows here to show that there might be some some changes in the surface there and Then over here as well that small detail we picked up earlier right might be a little bit darker there, and the underside.

So it's just a little bit of extra oomph from my picture to show that it is a 3D object I'm trying to sketch. There we go. That is our drawing of our mystery object.