Area of a circle

* Hey guys, my name is Christian and today on HOW TO MATH? (Title on screen), we are going to be learning about how to find the area of a circle, which is the space inside of the circle!
* First! We learn the “What you need to know?”
* Now to find the area of a circle you need this formula. Radius squared times pi.
* If you remember from our circumference video, pi is about 3.14 and radius is the length from the center to the edge.
* Radius squared just means radius times itself.
* Next is the “How to use it?”
* Before we try this formula out, make sure you have these things to follow along
* A paper plate, 2 colored writing utensils, a piece of paper and a straight edge. Pause the video to get them to follow along.
* If you have the paper plate from the circumference video you can use that, if not then follow these steps.
* First, we need to make our circle, so draw a circle on your paper plate. Like so
* Next we then need to draw a dot in the center of our circle
* Then we draw a line from our center to the edge of the circle, the radius
* Easy right? Now we just need to apply it.
* Take out your sheet of paper so you can write down these numbers.
* Now let’s give the radius a value. How about 10 for a nice solid number.
* To find the radius squared we will have to multiply 10 x 10, so it will become 100.
* Now we multiply 100 times pi, or 3.14 if you do not have a calculator, and then the answer is that the circumference of this circle is about 314.
* And that’s about it! But just to make sure you understand, try this problem.
* Find the circumference of this circle. (Show circle) Pause the video to try it out on your paper.
* If you got about this answer? Then congrats!
* And that is today’s HOW TO MATH? Video. I hope you learned, the next video will be all about finding the perimeter of an object and until next time, smile daily.