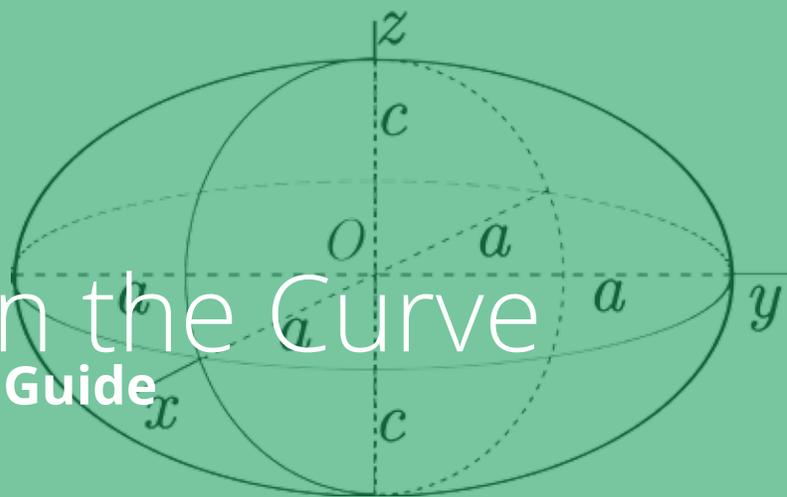
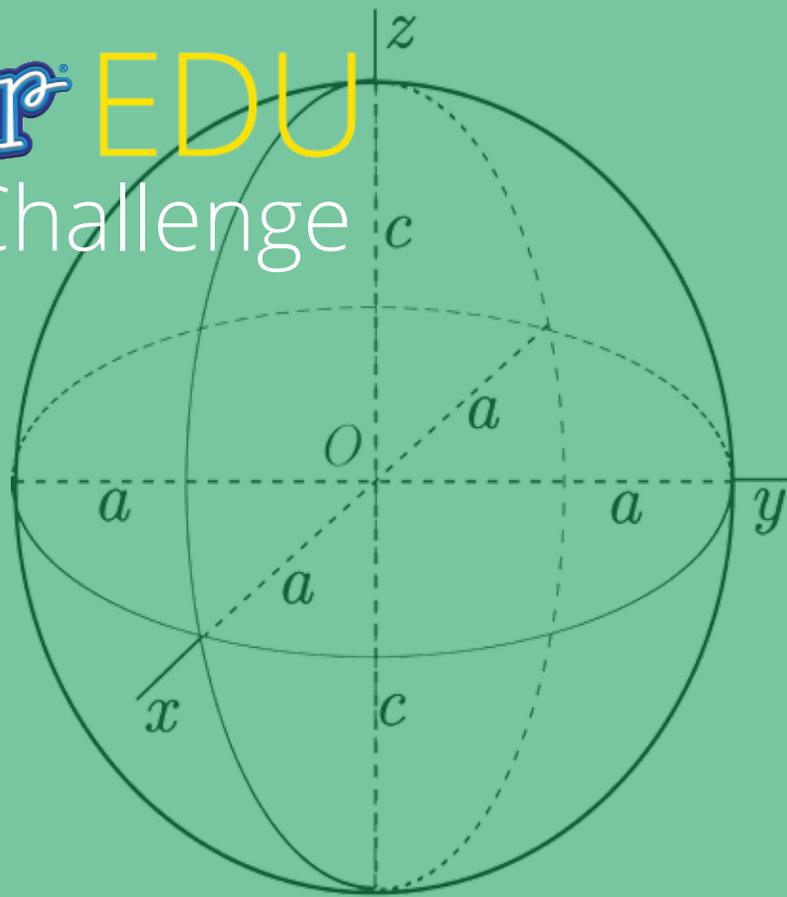


3Doodler[®] EDU

Design Challenge



Math on the Curve

Participant's Guide

▣ The Challenge

Explore mathematical equations for spheres and ellipsoids created with the 3Doodler pen and plastic strands.

🔗 More Information:

For more information on ellipse formulas in action, please visit:

- <http://www.mathopenref.com/coordgeneralellipse.html>

For more information on circles in action, please visit:

- <http://www.mathopenref.com/coordbasiccircle.html>

For more information on finding the loci of an ellipse, please visit:

- <http://www.mathopenref.com/constellipsefoci.html>

🖼️ Images:

Cover Page: <https://goo.gl/ET4552>

Fig. 1: https://upload.wikimedia.org/wikipedia/commons/e/e8/Globe_Lights.jpg

Fig. 2: <http://www.sew4home.com/sites/default/files/1693-Circle-Compass.png>

Fig. 3: <http://britton.disted.camosun.bc.ca/ellipse.gif>