desmos

The Desmos Geometry Tool is available here: (desmos.com/geometry)
Make sure to show students how to sign in to Desmos so that their name will appear on screenshots. Directions to take screenshots and videos with their Chromebooks are included in the slide deck. (There are also instructions for using Screencastify. If you are comfortable with Flipgird or Adobe Spark, students could use those platforms as well for their video footage.)

Answers to Dia de los Muertos Challenge

1. Slide 9 - I can create three points and connect them with segments. (Solution)
2. Slide 10 - I can create a line, a ray, and a vector. (Solution)
3. Slide 11 - I can create a quadrilateral and label the vertices. (Solution)
4. Slide 12 - I can create a triangle and measure the side lengths. (Solution)
5. Slide 13 - I can create three circles and change the color of each one. (Solution)
6. Slide 14 - I can create a triangle, hide the vertices, and move the triangle around by dragging its sides. (Solution)
7. Slide 15 - I can open this transformation, select all the objects and change the angle of rotation. I can then save my new graph, copy the URL of the saved graph and link it in the slide. (Solution)
8. Slide 16 - I can open the Pythagorean Theorem example graph and show the hidden objects. (Solution)
9. Slide 17 - Given a line segment, I can construct its midpoint. (Solution)
10. Slide 18 - Given a line and any point on it, I can construct a perpendicular line through the given point. (Solution)
11. Slide 19 - Given a line and any point not on it, I can construct a parallel line through the given point. (Solution)
12. Slide 20 - Given a segment, I can construct a right triangle and measure its angles. (Solution)
13. Slide 21 - Given two intersecting lines, I can create a circle centered at the point of intersection. (Solution)

Ofrenda Challenge

14. I can use the transformation tools to create geometric art. (Example 1, Example 2, Example 3)