

You will be teaching a mathematics lesson on **Geometry** to a student with exceptional needs. Using your knowledge of students with exceptional needs, prepare a response in which you:

- Briefly describe the student you will be teaching (e.g., age/grade level/developmental level, exceptionality, strengths/needs).
- Describe **one** important concept or skill related to Geometry you would include in this lesson.
- Describe **two** instructional activities and **two** instructional resources, including any applicable technological resources, you would use to teach this concept or skill.
- Explain how these activities and resources would be particularly effective for the student you describe and how you would measure the student's success.

Student:

One important concept or skill related to Geometry that I would include in my lesson would be Shapes and their attributes.

One instructional activity that I would use would be is "Shape Sort". I would create a digital lesson that included slides for students to sort a variety of shapes into common attributes. For example, the sort may require students to sort the shapes with three points. I would include squares, hexagons, circles, open shapes, triangles, and so on. The student would have to determine which shape has three points. Instructional resources I would use would be google slides and my cleartouch board.

Another instructional activity that I would use is "Build a shape". I would use straws cut into equal parts. I would then instruct the student to use three straws to build a 2d shape. We would discuss the attributes of the shapes built. Resource use would be straws.

These activities and resources would be beneficial because it includes technology, which could be assigned to them in their online CANVAS course that could be easily accessed in their general classroom or even at home with their parents for additional support. The build a shape activity would include hands on learning and a visual for students to touch in order to determine the attributes of the shapes.

To measure progress towards this standard, I would create a formative assessment that would be given through their online course work. I may show them a square and ask how many sides does the square have? The test would be multiple choice to complete quickly. I would also ask questions on the assessment such as which shape has the same amount of points as the shape pictured (rectangle).