

| Key concept | Related concept(s) | Grientation in space and time |
| :--- | :--- | :--- | :--- |
| Form <br> The shape and underlying structure of an entity or piece of <br> work, including its organization, essential nature and external <br> appearance. | Measurement, Space |  |



Published: 1,2024 Resources, materials, assessments not linked to SGO or unit planner will be reviewed at the local school level.

## Learning Experiences

Add additional rows below as needed.

| Objective or Content | Learning Experiences | Personalized Learning and Differentiation |
| :---: | :---: | :---: |
| 7.MP: Display perseverance and patience in problem-solving. Demonstrate skills and strategies needed to succeed in mathematics, including critical thinking, reasoning, and effective collaboration and expression. Seek help and apply feedback. Set and monitor goals. <br> 7.GSR. 5 Solve practical problems involving angle measurement, circles, area of circles, surface area of prisms and cylinders, and volume of cylinders and prisms composed of cubes and right prisms. <br> - 7.GSR.5.1 Measure angles in whole non-standard units. <br> - 7.GSR.5.1 Measure angles in whole nonstandard units. • 7.GSR.5.2 Measure angles in whole number degrees using a protractor. | CLE - Which Wedge is Right | In this learning plan, students will use a non-standard measurement for angles and then explore finding the measurement of angles using common-sized wedges. |
| 7.MP: Display perseverance and patience in problem-solving. Demonstrate skills and strategies needed to succeed in mathematics, including critical thinking, reasoning, and effective collaboration and expression. Seek help and apply feedback. Set and monitor goals. <br> 7.GSR. 5 Solve practical problems involving angle measurement, circles, area of circles, surface area of prisms and cylinders, and volume of cylinders and prisms composed of cubes and right prisms. <br> 7.GSR.5.4 Explore and describe the relationship between pi, radius, diameter, circumference, and area of a circle to derive the formulas for the circumference and area of a circle. <br> 7..GSR.5.6 Solve realistic problems involving surface area of right prisms and cylinders. | CLE - Cross sections <br> Cross Sections - teacher <br> Cross Sections - student | In this learning plan, students will determine the dimensions of figures given the area or volume. |

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CLE- Deriving Circle Relationships Part 1
Deriving CIrcle Relationship Part 1 - student

Deriving Circle Relationships Part 1 - teacher

In this learning plan, students make a connection between the circumference and diameter of circles and derive the formula for the circumference of a circle.

## Content Resources

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