Lesson Plan   Geometry   Nathan Salisbury

Date	Nov. 27-Dec. 1, 2023
Unit & Lesson Topic	Circles
Weekly Objective/Standards	TSW identify parts of a circle and determine the circumference and area of a circle. TSW find the measure of central angles and arcs. TSW find the length of an arc of a circle. TSW recognize and use relationships between arcs, chords, and diameters.
Essential Question	What is the relationship between the radius and diameter of a circle? How does the measure of a minor arc compare to the measure of its central angle? What is the formula for the length of an arc of a circle? How can you determine the diameter of a circle if you know its arc length? What is the difference between an arc and a chord?

Monday:

Focus Question(s)	What is your level of mastery?What is the formula for the length of an arc of a circle?
Bell Work	ACT
Anticipatory Set	TTW ask, "A car has a circular turning radius of 16.1 feet. The distance between the two front tires is 4.7 feet. How much farther does a tire on the outside of the turn travel than a tire on the inside?"
Procedures/ Teacher Input	TTW guide students in taking notes on Arc Length of a circle.
Practice/Problem Solving	TSW follow along with TT then practice determining the arc length independently.
Closing	Teacher Observation
Homework	HW #3
Assessment	None
Modifications	None
Materials & Technology	Gina Wilson (All Things Algebra)

Tuesday

Focus Question	What is the difference between an arc and a chord?
Bell Work	Spiral Review
Anticipatory Set	TTW ask, "How does an artist use diameters and chords to create a stained-glass window?"
Procedures/ Teacher Input	TTW guide students in taking notes on Arc and Chords as well as how to determine missing measures with the circle.
Practice/Problem Solving	TSW follow along with TT then practice independently.
Closing	Teacher Observation
Homework	HW #4
Assessment	None
Modifications	None
Materials & Technology	Gina Wilson (All Things Algebra)

Wednesday:

Focus Question	What is your level of mastery?
Bell Work	None
Anticipatory Set	None
Procedures/ Teacher Input	TTW administer the DCA
Practice/Problem Solving	TSW complete the DCA.
Closing	Submit DCA
Homework	None
Assessment	None
Modifications	None
Materials & Technology	Gina Wilson (All Things Algebra)

Thursday

Focus Question	What is the difference between a central angle and an inscribed angle?
Bell Work	ACT
Anticipatory Set	TTW ask, the E.Q. and discuss how to differentiate between them.
Procedures/ Teacher Input	TTW guide students in taking notes on inscribed angles and their intercepted arcs. .
Practice/Problem Solving	TSW follow along with TT then practice determining angle measurements and the intercepted arc measures in whole group, with their shoulder partner and independently.
Closing	Teacher Observation
Homework	HW #5
Assessment	None
Modifications	None
Materials & Technology	Gina Wilson (All Things Algebra)

Friday:

Focus Question	What is a tangent?
Bell Work	Spiral Review
Anticipatory Set	TTW ask, "What makes a line a tangent?"
Procedures/ Teacher Input	TTW guide students in taking notes on Tangents.
Practice/Problem Solving	TSW follow along with TT then practice determining missing measurements related to tangents whole group, with a partner, and independently.
Closing	Teacher Observation
Homework	HW #6
Assessment	None
Modifications	None
Materials & Technology	Gina Wilson (All Things Algebra)