Alexis Wanner Practicum II- Two Day Lesson Plan

| Grade: $\mathbf{7 t h}^{\text {h }}$ <br> Materials: Note Sheet, Pencil, Scientific Calculator, Pipe Cleaners, Circular objects of varying sizes (Tupperware lids, cups, etc.), notecards |  | Subject: Mathematics |
| :---: | :---: | :---: |
|  |  | Technology Needed: Smartboard, Scientific Calculator |
| Instructio <br> Dire <br> Guid <br> Socr <br> Lear <br> Lect <br> Tech | I Strategies:   <br> nstruction $\checkmark$ Peer teaching/collaboration/ <br> cooperative learning <br> practice $\checkmark$ Visuals/Graphic organizers <br> ic Seminar $\square$ PBL <br> ng Centers $\square$ Discussion/Debate <br> logy integration $\square$ Modeling | Guided Practices and Concrete Application: |
| Standard <br> 7.G.4- Kn <br> and use between <br> Objectiv | the formulas for the area and circumference of a circle $m$ to solve problems. Informally derive the relationship e circumference and area of a circle. | Differentiation <br> Below Proficiency: <br> Students will be able to demonstrate understanding of the different parts of a circle and apply this knowledge to calculate the area and circumference of a circle with significant assistance |
| By the en <br> -identify <br> -explain <br> a circle <br> -use a fo <br> -use a fo <br> -identify <br> Bloom's <br> Understa | of the two-day lesson, students will be able to <br> parts of a circle (radius, diameter, center, circumference) relationship between the diameter and circumference of <br> ula to find the circumference of a circle <br> ula to find the area of a circle <br> emicircle and its parts <br> xonomy Cognitive Level: <br> ing, Applying, Analyzing, Evaluating | Above Proficiency: <br> Students will be able to demonstrate understanding of the different parts of a circle and apply this knowledge to calculate the area and circumference of a circle independently and extend these concepts with a deeper understanding of pi and its relationships with circles. <br> Approaching/Emerging Proficiency: <br> Students will be able to demonstrate understanding of the different parts of a circle and apply this knowledge to calculate the area and circumference of a circle with minimal assistance from the teacher. <br> Modalities/Learning Preferences: Visual, Kinesthetic |
| Classroo <br> Students duration social dis | Management- (grouping(s), movement/transitions, etc.) <br> remain seated in their assigned desks throughout the lass and follow proper COVID-19 protocols in regard to ing and mask wearing. | Behavior Expectations- (systems, strategies, procedures specific to the lesson, rules, and expectations, etc.) <br> Students will conduct themselves respectfully and work in their assigned spots on the activity and for instruction as well as during homework time, asking questions when help is needed in class. |
| Minutes Procedures |  |  |
| 150 | Set-up/Prep: <br> This is a two-day lesson. Create notes and activity PowerPo ("What is the Title of This Picture?" Worksheet for each stude (at least one per student) to class as well as construction p | int for lesson. Print one note sheet and one homework assignment ent prior to class. Bring circular objects of varying sizes, pipe cleaners per to draw on for each student. |
| 7 | Engage: (opening activity/ anticipatory Set - access prior <br> Day 1: Have students clear off their desks except for a pen discussion about this, ask "Which of these is the shapes do | arning / stimulate interest /generate questions, etc.) <br> Ask the students, "What shapes do you notice in nature?". After a you think are the most common?". Inform students that circles are the |

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