| **High-Yield Strategies**: 2. Identifying Similarities and Differences 3. Summarizing and Notetaking 4. Reinforcing Effort and Providing Recognition 5. Homework and Practice 6. Non-linguistic Representations 7. Cooperative Learning 8. Setting Objectives and Providing Feedback 9. Generating and Hypotheses 10. Questions, Cues, and Advance Organizers | **Standard** | **Goal** | **Access Prior Knowledge** | **New Information** | **Apply Knowledge** | **Generalize/ Goal Review/ Grade** |
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| **Monday** | Focus Standard:CCSS.Math.Content.7.G.A.1CCSS.Math.Content.7.G.A.2CCSS.Math.Content.7.G.A.3 | Find the area and circumference of a circleFind and estimate square roots and classify numbers as rational or irrationalUse the Pythagorean Theorem to solve real-world problemsLearn to classify and draw three- dimensional figuresLearn to find the surface areas of prisms and cylinders using nets#2,#7 |  |  | CH 8 Review for test#4,#9 |  |
| Supporting Standards:CCSS 7 GB4,CCSSGB 5, CCSS7GB 6 |
| **Tuesday** | Focus Standard:CCSS.Math.Content.7.RP.A.1CCSS.Math.Content.7.RP.A.2CCSS.Math.Content.7.RP.A.3s Standard | Find the area and circumference of a circleFind and estimate square roots and classify numbers as rational or irrationalUse the Pythagorean Theorem to solve real-world problemsLearn to classify and draw three- dimensional figuresLearn to find the surface areas of prisms and cylinders using nets#2,#7 |  |  | Ch 8 Test#4,#9 |  |
| Supporting Standards:CCSS 7 GB4,CCSSGB 5, CCSS7GB 6 |
| **Wednesday** | Focus Standard:CCSS.Math.Content.7.SP.A.1CCSS.Math.Content.7.SP.A.2CCSS.Math.Content.7.SP.A.3CCSS.Math.Content.7.SP.A.4CCSS.Math.Content.7.SP.A.5 | Learn to graph data and to use graphs to make predictions#2,#7 | Hypothesize when you would use graphs.What could be represented in graphs?Draw a simple graph.#3,#4,#8,#9 | Prezi/Mimio/Student Practice onpatterns and graphs pg. 437-440#2,#4,#9 | S. complete practice problems during presentation, and also complete classwork problems to be handed in at the end of class.Homework: Odds 3-19 pg 439-440#2,#4,#9 | Exit SlipEstimate the Celsius Tº for 160º Fhttp://www.mathworks.com/matlabcentral/fileexchange/29621-units-conversion-toolbox/content/UnitConversion-rev2/html/started_01.pngA/ 71ºC#4 |
| Supporting Standards:CCSS 7 SPA.1,CCSS7 SP A2, CCSS7SPB3, CCSS7SPB4, CCSS7SPB5, CCSS7SPC5, CCSS7SPC6 |
| **Thursday** | Focus Standard:CCSS.Math.Content.7.G.A.1CCSS.Math.Content.7.G.A.2CCSS.Math.Content.7.G.A.3 | Learn to describe the patterns in arithmetic and geometric sequences and use the patterns to find the terms#2,#7 | Show image of flowers that have equal amount of petals. Q/Can you recognize the pattern?A/ all flowers have six petals#5,#9 | Prezi/Mimio/Student Practice on number sequences pg. 442-445#2,#4,#9 | S. complete practice problems during presentation, and also complete classwork problems to be handed in at the end of class.Homework: Odds5-31 pg. 444-445#2,#4,#9 | Exit SlipIdentify each sequence as arithmetic, geometric, or neither1, 2,6,18,54,… Geob. 5,6,8,11,… Neitherc. 42,37,32,27,…Arithd. 1,1,2,3,5,8,… Neither#4 |
| Supporting Standards:CCSS 7 SPA.1,CCSS7 SP A2, CCSS7SPB3, CCSS7SPB4, CCSS7SPB5, CCSS7SPC5, CCSS7SPC6 |
| **Friday** | Focus Standard:CCSS.Math.Content.7.G.A.1CCSS.Math.Content.7.G.A.2CCSS.Math.Content.7.G.A.3 | Learn to use tables to represent and describe patterns#2,#7 | Organize the following data:1 lb of fish costs $6.50, 2 lbs of fish cost $13.00, 3 lbs of fish cost $19.50,4 lbs of fish cost $26.00See how many s. use tables to organize their info. Discuss the importance of tables.#4,#5,#9 | Prezi/Mimio/Student Practice on patterns and tables pg 446-449#2,#4,#9 | S. complete practice problems during presentation, and also complete classwork problems to be handed in at the end of class.Homework: Odds3-27 pg. 448-449#2,#4,#9Checkpoint Quiz #1 S 1-3 –next Monday | Exit SlipWrite a variable expression to describe the rule for each sequence. Then find the hundredth term.1. 3,6,9,12,… 3n;300
2. 14,15,16,17,…

n+ 13; 1131. 21,42,63,84,…

21n; 2,100#4 |
| Supporting Standards:CCSS 7 SPA.1,CCSS7 SP A2, CCSS7SPB3, CCSS7SPB4, CCSS7SPB5, CCSS7SPC5, CCSS7SPC6 |



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