| **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.1  CCSS.Math.Content.7.G.A.2  CCSS.Math.Content.7.G.A.3 | Find the area and circumference of a circle  Find and estimate square roots and classify numbers as rational or irrational  Use the Pythagorean Theorem to solve real-world problems  Learn to classify and draw three- dimensional figures  Learn 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.1  CCSS.Math.Content.7.RP.A.2  CCSS.Math.Content.7.RP.A.3  s Standard | Find the area and circumference of a circle  Find and estimate square roots and classify numbers as rational or irrational  Use the Pythagorean Theorem to solve real-world problems  Learn to classify and draw three- dimensional figures  Learn 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.1  CCSS.Math.Content.7.SP  .A.2  CCSS.Math.Content.7.SP.A.3  CCSS.Math.Content.7.SP.A.4  CCSS.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 Slip  Estimate the Celsius Tº for 160º F  http://www.mathworks.com/matlabcentral/fileexchange/29621-units-conversion-toolbox/content/UnitConversion-rev2/html/started_01.png  A/ 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.1  CCSS.Math.Content.7.G.A.2  CCSS.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 Slip  Identify each sequence as arithmetic, geometric, or neither  1, 2,6,18,54,… Geo  b. 5,6,8,11,… Neither  c. 42,37,32,27,…Arith  d. 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.1  CCSS.Math.Content.7.G.A.2  CCSS.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 $26.00  See 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,#9  Checkpoint Quiz #1 S 1-3 –next Monday | Exit Slip  Write 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; 113   1. 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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