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| **Business Items**  Image result for business icon  **(10 minutes)** | **Step 1 - Spiral Review**  Complete the daily Spiral Review problems and be sure that you include your work. | **Step 2 - Warm Up**  Process the Error Analysis question independently. Talk to your shoulder partner about the misconception and what the correct answer should be. | | | | | | **Step 3 - Math Talks – Homework Discussion**  Use the answer keys, if provided, to check your homework. With your shoulder partner, discuss the problem(s) that you still don’t grasp. | | |
| **Engage**    **(10 minutes)** | **Math Talks – Day #1**  Image result for triangular pyramid  In teams of two, sketch a quick picture of a net for the image of the square pyramid. | | | | **Math Talks – Day #2**    In teams of two, sketch a quick picture of a net for the image of the triangular pyramid. | | | | | |
| **Lesson**    **(20 minutes)** | **Coaching Points/Update Note Guide**  Pyramids make a point at the top. The base determines if it’s a square pyramid or a triangular pyramid.  **Square Pyramids**   * 5 faces – 1 square base, 4 identical triangles     **Triangular Pyramids**   * 4 faces – 1 triangular base, 3 triangular sides | | | **Free Choice** | **Choice 1** – Watch this YouTube video to see how to find the [**surface area of square pyramids**](https://youtu.be/oo7nwo3kVgs).  [Image result for video icon](https://youtu.be/QUxoW9S3kKs) | | | | **Choice 2** –.Watch this YouTube video to see how to use [**nets to calculate the surface area of square pyramids**](https://youtu.be/zsc5p07-Z3c).  [Image result for video icon](https://youtu.be/QUxoW9S3kKs) | |
| **Choice 3** – Watch this YouTube video to see how to find the [**surface area of triangular pyramids.**](https://youtu.be/d8IuMDGtRAM)  [Image result for video icon](https://youtu.be/tTegG4KJloE) | | | | **Choice 4** – Watch this YouTube video to see how to use [**nets to calculate the surface area of triangular pyramids**](https://youtu.be/n1tDlnsCZMo).  [Image result for video icon](https://youtu.be/QUxoW9S3kKs) | |
| **Practice**    **(15-20 minutes)** | **Classwork #1 – Square Pyramids**  With a shoulder partner, [**pick 2-4 problems**](https://www.mathworksheets4kids.com/surface-area/square-pyramid-easy1.pdf) to solve. Before moving to another question, be sure that you and your partner share out your answers and agree. Use the answer key to settle disputes. | | | | | **Classwork #2 – Triangular Pyramids**  With a shoulder partner, [**pick 2-3 problems**](https://docs.google.com/document/d/1G1-2iSPTyvHpe0ZIff9Z8Jm6c1QzO0fn-6yJct_gsMk/edit?usp=sharing) to solve. Before moving to another question, be sure that you and your partner share out your answers and agree. Use the answer key to settle disputes. | | | | |
| **HW**  Image result for homework icon | **Homework #1:**  Click on the [**link**](http://mcdowellgeometry.weebly.com/uploads/2/6/7/6/26765014/6.g.4_square_pyramids.pdf) to access tonight’s homework on finding the surface area of square pyramids. Pick any 5 to solve and use the answer key to check your work before class. | | | | | **Homework #2:**  Click on the [**link**](http://mcdowellgeometry.weebly.com/uploads/2/6/7/6/26765014/6.g.4_tri_pyramids.pdf) to access tonight’s homework on finding the surface area of triangular pyramids. Pick any 5 to solve and use the answer key to check your work before class. | | | | |
| **Remediation** | **Let Your Data Drive Your Decisions**  Rate your level of understanding with finding nets and finding the surface area of pyramids. If you feel weak at all, select a remediation tool from the choices provided. The additional help will pay off, as you work towards content mastery.  Image result for let data drive decisions | | **Free Choice** | **Choice A – LearnZillion**  Take a few minutes to remediate with this [**LearnZillion lesson on finding the surface area of square pyramids**](https://learnzillion.com/lesson_plans/219-find-the-surface-area-of-a-square-pyramid-by-decomposing-its-net-into-polygons-with-area-formulas/). | | | **Choice B – Geometry 3D**  Review and explore pyramids using the [**interactive Geometry 3D site.**](https://www.learner.org/interactives/geometry/pyramids/) | | | **Choice C** – **Tutorial**  Get another look at square and triangular pyramids with this [**online tutorial**](https://www.varsitytutors.com/hotmath/hotmath_help/topics/surface-area-of-a-pyramid.html). |
| **Choice D – Math Interactives**  Explore nets of pyramids using the [**Math Interactive site.**](http://www.learnalberta.ca/content/mejhm/index.html?l=0&ID1=AB.MATH.JR.SHAP&ID2=AB.MATH.JR.SHAP.SURF&lesson=html/object_interactives/surfaceArea/use_it.html) | | | **Choice E – Online Tutorial**  View the [**online tutorial**](https://www.texasgateway.org/resource/creating-nets-three-dimensional-figures) on nets and surface area from Texas Gateway**.**  . | | | **Choice F – Help Desk**  Check in with the teacher for some quick, low key help. Be sure to bring some work samples to share. This will allow for a quick diagnosis. |