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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)** | **Day #1 – Nets and Surface Area of Rectangular Prisms**  Watch this [**video**](https://youtu.be/yEUwGRb7adM) to see what shapes make up a rectangular prism. Turn to your shoulder partner and share the number of faces you see and what shapes make up each face. | | | | | **Day #2 –Nets and Surface Area of Triangular Prisms**  Watch this [**video**](https://youtu.be/qlO6db60lvY) to see what shapes make up a triangular prism. Turn to your shoulder partner and share the number of faces you see and what shapes make up each face. | | | | |
| **Lesson**    **(20 minutes)** | **Coaching Points/Update Note Guide**  Reactangular Prisms/Cubes  Image result for rectangular prism net   * 6 faces = 6 areas * Front/back * Top/bottom * Left/right   Triangular Prisms   * 5 faces = 5 areas * 2 identical triangles, 3 rectangles * Type of triangle tells you how many of the areas are identical * Scalene – 0 same   Image result for triangular prism net   * Isosceles – 2 same * Equilateral - 3 same | | | **Free Choice** | **Choice 1** – Watch this video for a tutorial on finding the [**surface area of a cube**](https://youtu.be/dDl7p4fjGQI).  [Image result for video icon](https://youtu.be/QUxoW9S3kKs) | | | | **Choice 2** –.Watch this video for a tutorial on finding the [**surface area of a rectangular prism**](https://youtu.be/oR1ukNC1pvA).  [Image result for video icon](https://youtu.be/QUxoW9S3kKs) | |
| **Choice 3** – Watch this video for a tutorial on finding the [**surface area of a triangular prism**](https://youtu.be/dOCnBtuxwJ4)**.**  [Image result for video icon](https://youtu.be/QUxoW9S3kKs) | | | | **Choice 4** – Learn and practice with nets as you find the surface area of rectangular prisms using [**Glencoe’s interactive site**](http://www.glencoe.com/sites/common_assets/mathematics/im1/concepts_in_motion/interactive_labs/M3_09/M3_09_dev_100.html).  Related image | |
| **Practice**    **(15-20 minutes)** | **Math Talks - Classwork #1**  Solve the [**4 classwork problems**](http://www.mathatube.com/files/Surface_area_of_a_Rectangular_Prism_worksheet_62.pdf) on surface area of rectangular prisms. With your shoulder partner, discuss your results. You must agree on the answer before moving on. | | | | | **Math Talks - Classwork #2**  Solve 2-4 of the [**classwork problems**](http://mcdowellgeometry.weebly.com/uploads/2/6/7/6/26765014/6.g.4_triangular_prisms_cw.pdf) on finding the surface area of triangular prisms. With your shoulder partner, discuss your results. You must agree on the answer before moving on. Let the answer key settle any disputes. | | | | |
| **HW**  Image result for homework icon | **Homework #1:**  [**HW #1**](https://www.mathworksheets4kids.com/surface-area/rectangular-prism-easy1.pdf) contains 10 problems that will require you to find the surface area of rectangular prisms. Pick any 7 to solve and check your answers with the key provided. | | | | | **Homework #2:**  Open [**HW #2**](http://mcdowellgeometry.weebly.com/uploads/2/6/7/6/26765014/6.g.4_triangular_prisms_practice_+key.pdf) to access the 6 problems that will require you to find the surface area of triangular prisms. Pick any 5 to solve and check with the answer key provided. | | | | |
| **Remediation** | **Let Your Data Drive Your Decisions**  Rate your level of understanding with finding nets and finding the surface area of prisms. 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 – Interactive**  Visit [**Interactives Geometry 3D**](http://www.learner.org/interactives/geometry/area_surface.html) to learn more about nets and calculating the surface area or rectangular prisms. | | | **Choice B – Math Arcade**  Practice finding the surface area of rectangular prisms with this [**10 question practice game**](https://www.mathgames.com/skill/7.145-surface-area). | | | **Choice C** – **Video**  Watch this video to see a [**real world example**](https://youtu.be/pK-DQBOxaqc) of how and why to calculate the surface area of a rectangular prisms. |
| **Choice D – Quizizz**  Get some additional practice using Quizizz. Search “mmcdowel” and find the game titled 6.G.4 – Surface Area of Rectangular Prisms. | | | **Choice E – Quizizz**  .  Get some additional practice using Quizizz. Search “mmcdowel” and find the game titled 6.G.4 – Surface Area of Triangular Prisms. | | | **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. |