**7th Grade ECMS Unit 8 Circles and 3D Figures**

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| **Practice Packet:**  Area and Circumference of a Circle  Area of a Circle  Circumference of a Circle  Surface Area and Volume Practice  Surface Area and Volume Matching  Surface Area and Volume of Solids and Cylinders 5 Pack | **Writing Task:**  Eight Circles Task  Stained Glass Task |
| **Game/Activity:**  Ask students to find the volume and surface area of the figures on ***the Surface Area and Volume*** handout. Ask them to **record at least TWO strategies they used to determine the SA and Volume for each of the figures.** | **Technology:**  These interactives allow students to fill 3D figures with cubes to model volume and surface area.  <https://www.learner.org/interactives/geometry/area_volume.html>  Find the surface area  <http://www.mathgames.com/skill/7.145-surface-area>  Finding the Volume  <http://www.bbc.co.uk/bitesize/ks3/maths/measures/volume/activity/>  Exploring Surface Area and Volume  <http://www.shodor.org/interactivate/activities/SurfaceAreaAndVolume/> |
| **Art/Music/Drama/etc.** :  Find the surface area and volume of the **Angry Birds 3D figures**. Build them in color to display for your class. |  |
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